Panasonic

Compact Plain Paper FAX with Telephone Answering System

Operating Instructions

Model No. **KX-FP85**

KX-FP86

FOR FAX ADVANTAGE ASSISTANCE:
– CALL
1-800-HELP-FAX (1-800-435-7329)
– E-MAIL TO
consumerproducts@panasonic.com
for customers in the USA or Puerto Rico
– REFER TO
www.panasonic.com
for customers in the USA or Puerto Rico

Please read these Operating Instructions before using the unit and save for future reference.

Thank you for purchasing a Panasonic facsimile.

Welcome to the world of Panasonic facsimiles.

This product combines facsimile, telephone, telephone answering device and copier features to provide you with more efficient office or home use. By utilizing these convenient features, you can maximize the effectiveness of this unit.

Things you should keep record of

Attach your sales receipt here

For your future reference

Date of purchase

Serial number
(found on the rear of the unit)

Dealer's name and address

Dealer's telephone number

Caution:

- The Telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile:
  — Date and time of transmission,
  — Identification of the business, entity or person(s) sending the facsimile, and
  — Telephone number of the business, entity or person(s).
  To program this information into your unit, complete all the instructions on pages 13 to 16.
- Note that the images of copied or received documents will remain on the used ink film. Use discretion when disposing of the used ink film.
- Do not rub or use an eraser on the printed side of recording paper, as the print may smear.
- If you have not applied to the netmoves® service, you will not be able to use the IQ-FAX function (p. 33, 34).

Trademarks

netmoves is a registered trademark of NetMoves Incorporated.
Hammermill® is a registered trademark of INTERNATIONAL PAPER in the United States and/or other countries.
All other trademarks identified herein are the property of their respective owners.

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Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bath tub, wash bowl, kitchen sink, or the like.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. For safety purposes this unit is equipped with a three prong grounded plug. If you do not have this type of outlet, please have one installed. Do not use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicenter when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorized servicenter when the following conditions occur:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicenter.
    E. If the unit has been dropped or physically damaged.
    F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

INSTALLATION

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING

- To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.

OTHER INFORMATION

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

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Included accessories

Power cord.....1 Part No. PFJA1030Z	Telephone line cord...1 Part No. PQJA10075Z	Handset.....1 Part No. PFJXE0805Z	Handset cord.....1 Part No. PFJA1029Z
Paper tray .....1 Part No. PFKS1040Y1	Ink Film .....1 (complimentary test ink film) —The ink film is pre-installed.	Operating Instructions...1 Part No. PFQX1423Z	

- If any items are missing or damaged, check with the place of purchase.
- The part numbers listed above are subject to change without notice.
- Save the original carton and packing materials for future shipping and transportation of the unit.

For fax advantage assistance, call 1-800-435-7329.

Accessory order information

- The complimentary test ink film is 10 meters (32½′) long.
  We recommend that you buy full size replacement film – 50 meters (164′) for continuous use of your unit.
  For best results, use genuine Panasonic replacement film Model No. KX-FA53 or KX-FA55.
- To install legal size recording paper, use a legal paper tray Model No. KX-FA50 (p. 10).

To order

Telephone: Call 1-201-348-7292.

Fax: Send a fax to 1-877-375-4020.
Include:
–your name, shipping address and telephone number,
–credit card type, number, expiration date and your signature,
–order part number and quantity.

Via the Internet: Visit our web site: http://www.panasonic.com/store
(for customers in the USA or Puerto Rico ONLY)

- If you have any questions regarding accessory orders, please contact us at this E-MAIL ADDRESS: panasonicdirect@panasonic.com
  (for customers in the USA or Puerto Rico ONLY)
  or call us at: 201-348-7292

Model No.	Item	Specifications / Usage
KX-FA53	Replacement film	1 roll – 216 mm x 50 m (8½″ x 164′)
KX-FA55	Replacement film	2 rolls – 216 mm x 50 m (8½″ x 164′)
KX-FA50	Legal paper tray	To install legal size recording paper.

Note:

- **The ink film is not reusable. Do not rewind and use the ink film again.**

Help Button

Help function

You can print a quick reference for assistance as follows.

1 Press **HELP**.

Display: ROTATE ↻↺ & SET

2 Rotate **JOG DIAL** until the desired item is displayed.

1. How to send faxes with the voice guide

1.SEND GUIDE

2. How to set the date, time, your logo and fax number

2.QUICK SET UP

3. How to program the features

3.FEATURE LIST

4. How to store names in the JOG DIAL directory and how to dial them

4.JOG-DIAL

5. Help with problems operating the answering device

5.TAD OPERATION

6. Help with problems sending/receiving faxes

6.FAX SND/RCV

7. How to use the copier function

7.COPIER

8. Frequently asked questions and answers

8.Q and A

9. Explanation of error messages shown on the display

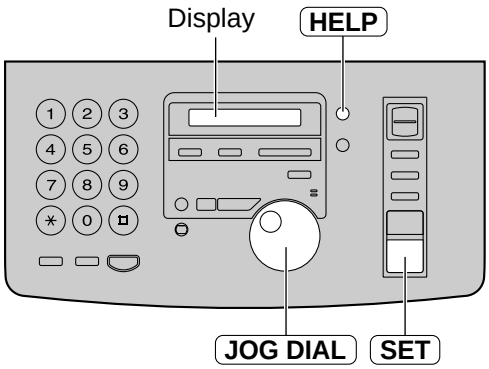
9.ERRORS

10. List of available reports

10.REPORTS

11. How to use the Caller ID service

11.CALLER ID

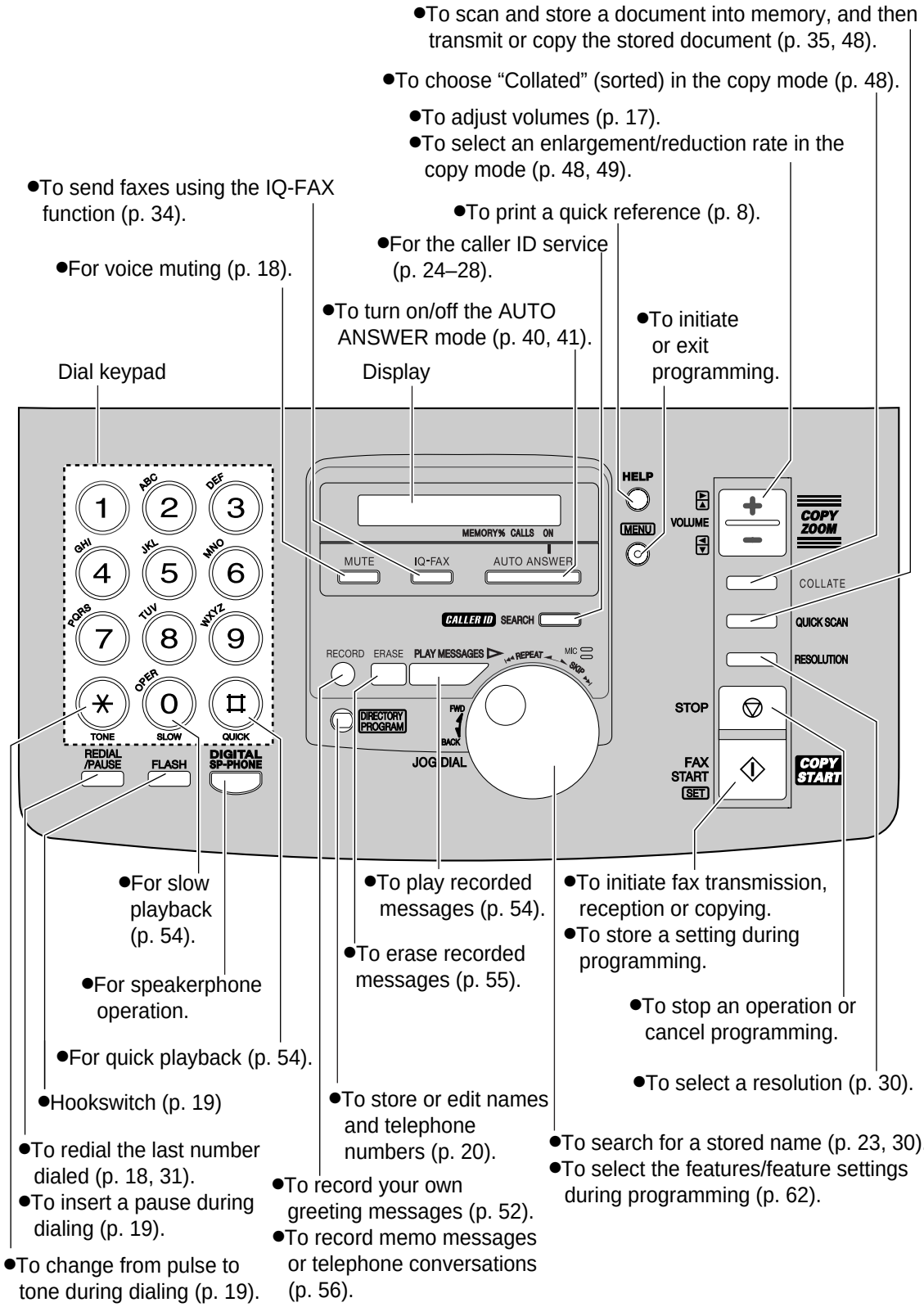


3 Press **SET**.

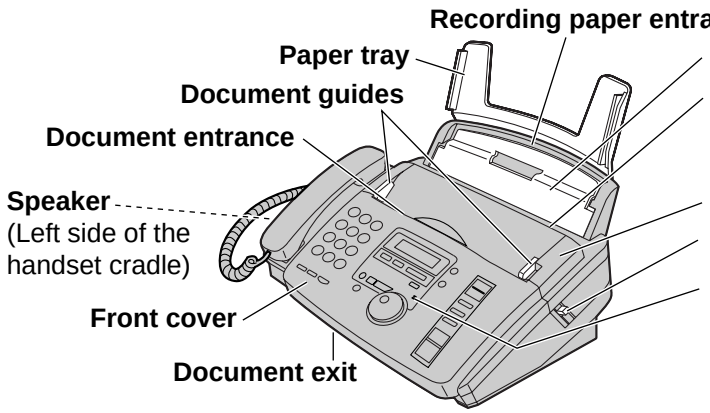
PRINTING

For fax advantage assistance, call 1-800-435-7329.

Location


●To scan and store a document into memory, and then transmit or copy the stored document (p. 35, 48).
●To choose “Collated” (sorted) in the copy mode (p. 48).
●To adjust volumes (p. 17).
●To select an enlargement/reduction rate in the copy mode (p. 48, 49).
●To send faxes using the IQ-FAX function (p. 34).
●To print a quick reference (p. 8).
●For the caller ID service (p. 24–28).
●For voice muting (p. 18).
●To turn on/off the AUTO ANSWER mode (p. 40, 41).
●To initiate or exit programming.
Dial keypad
Display
HELP
MENU
VOLUME
COPY ZOOM
COLLATE
QUICK SCAN
RESOLUTION
MEMORY% CALLS ON
MUTE
IQ-FAX
AUTO ANSWER
CALLER ID
SEARCH
RECORD
ERASE
PLAY MESSAGES
REPEAT
SKIP
MIC
DIRECTORY PROGRAM
FWD
BACK
JOG DIAL
STOP
FAX START
SET
COPY START
TONE
SLOW
QUICK
REDIAL /PAUSE
FLASH
DIGITAL SP-PHONE
●For slow playback (p. 54).
●To play recorded messages (p. 54).
●To initiate fax transmission, reception or copying.
●To store a setting during programming.
●To erase recorded messages (p. 55).
●For speakerphone operation.
●To stop an operation or cancel programming.
●For quick playback (p. 54).
●To select a resolution (p. 30).
●Hookswitch (p. 19)
●To store or edit names and telephone numbers (p. 20).
●To search for a stored name (p. 23, 30).
●To select the features/feature settings during programming (p. 62).
●To redial the last number dialed (p. 18, 31).
●To insert a pause during dialing (p. 19).
●To record your own greeting messages (p. 52).
●To record memo messages or telephone conversations (p. 56).
●To change from pulse to tone during dialing (p. 19).

Overview



Tension bar

Recording paper exit
- Up to 30 sheets of printed paper can be held.

Back cover

Back cover open button

Microphone
- To talk with the other party when using the speakerphone.
- To record greeting messages and memo messages.

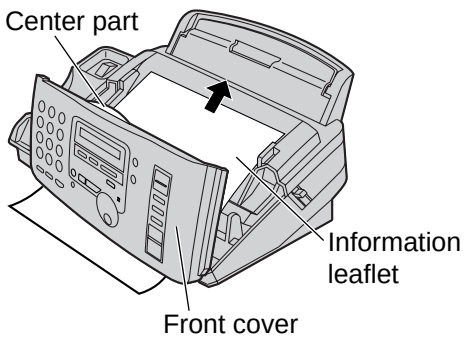
Note:
- The document will be ejected from the front of the unit. Install the unit on a desk or floor with a smooth surface and do not place anything in front of the unit.

Removing the information leaflet

1 Open the front cover by pulling up the center part.

2 Remove and read the information leaflet.

3 Close the front cover securely.

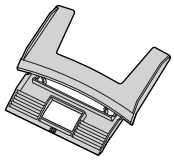


Paper tray

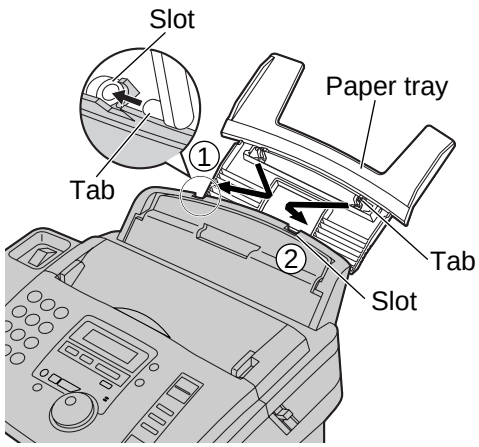
Insert one tab on the paper tray into one slot on the back of the unit (①) and then insert the other tab into the other slot (②).

Note:
- Do not place the unit in areas where the paper tray may be obstructed by a wall, etc.

To use legal size paper
- Please purchase a legal paper tray, Model No. KX-FA50 (p. 7) and install as shown above.



KX-FA50
Legal paper tray



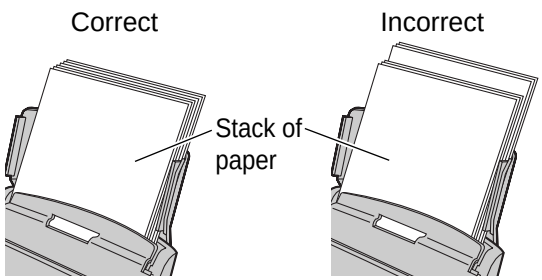
For fax advantage assistance, call 1-800-435-7329.

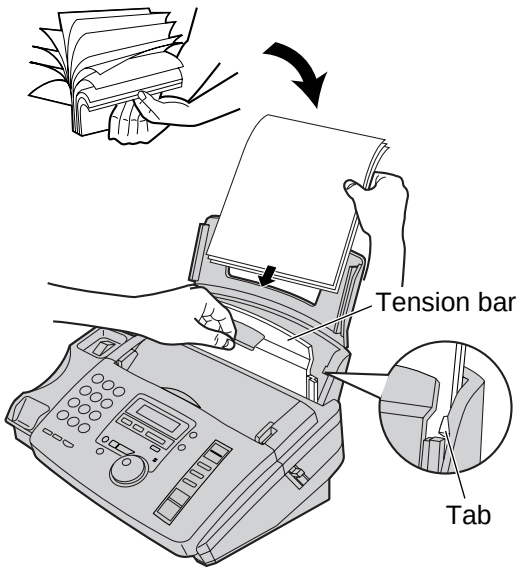
Recording paper

Letter* or legal** size recording paper can be loaded. The unit can hold up to 50 sheets of 60 g/m² to 75 g/m² (16 lb. to 20 lb.) paper or 30 sheets of 90 g/m² (24 lb.) paper.
*Letter = 216 mm x 279 mm (8½″ x 11″)
**Legal = 216 mm x 356 mm (8½″ x 14″)
If you use legal size paper, please purchase a legal paper tray, Model No. KX-FA50 (p. 7) and install it (p. 10).
For best results, only use inkjet paper such as Hammermill® Jet Print. If you use other types of paper, the print quality may be affected.

1 Fan the stack of paper to prevent a paper jam.

2 Pull the tension bar forward and hold open while inserting the paper.
- The paper should not be over the tab.
- If the paper is not inserted correctly, readjust the paper or the paper may jam.



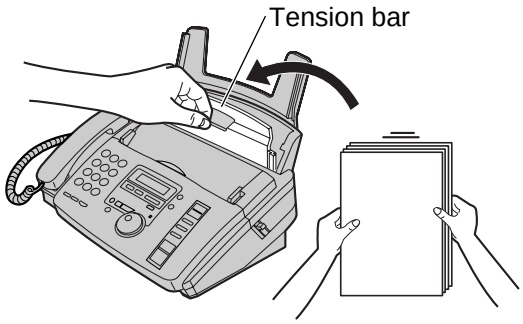


Note for recording paper:
- **Avoid paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes.**
- **Do not use different types or thicknesses of paper at the same time. This may cause a paper jam.**
- **Avoid extremely smooth or shiny paper that is highly textured.**
- **Avoid paper that is coated, damaged or wrinkled.**

Note:
- Avoid double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or the paper may jam.
- Some paper only accepts print on one side. Try using the other side of paper if you are not happy with the print quality.

Adding paper

1. Pull the tension bar forward and hold open while removing all of the installed paper.
2. Add paper to the removed paper and straighten.
3. Fan the stack of paper.
4. Pull the tension bar forward and hold open while inserting the paper.

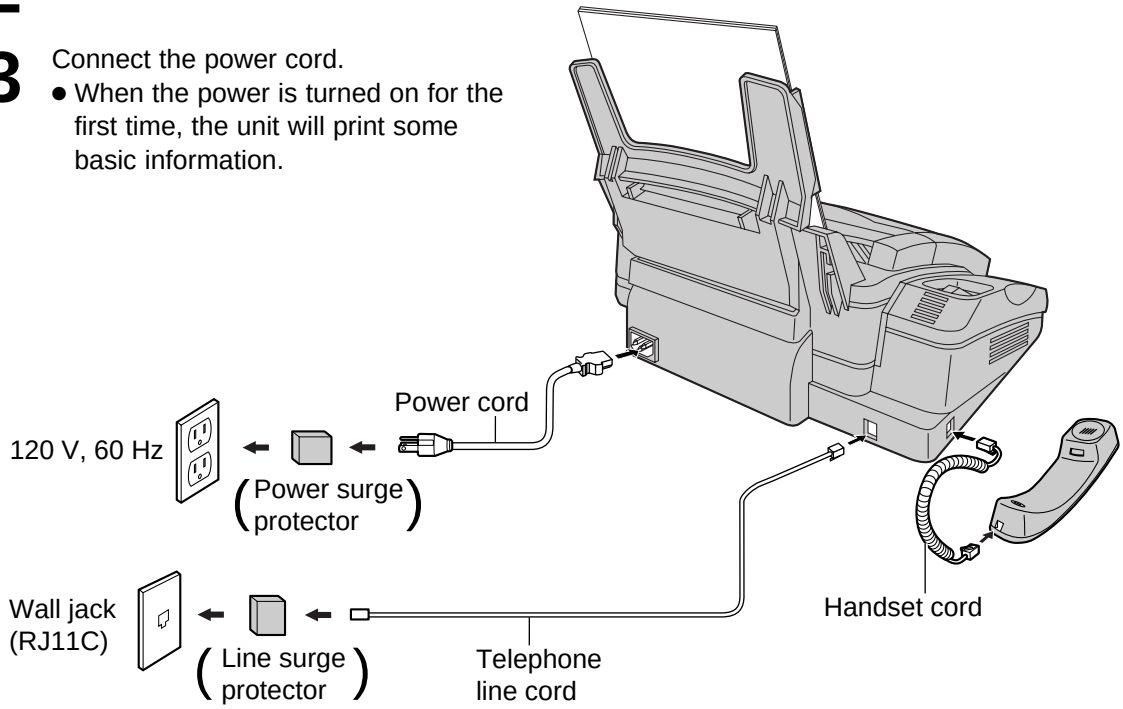


Connections

1 Connect the handset cord.

2 Connect the telephone line cord.

3 Connect the power cord.
- When the power is turned on for the first time, the unit will print some basic information.



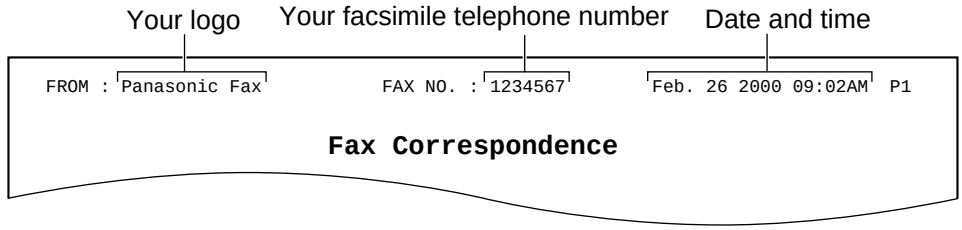
Note:
- For additional equipment protection, we recommend the use of a surge protector. The following types are available; TELESPIKE BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER MAX (PANAMAX) or MP1 (ITW LINX).
  The warranty does not cover damage due to power line surges or lightning.
- When you operate this product, the power outlet should be near the product and easily accessible.

For fax advantage assistance, call 1-800-435-7329.

Date and time, your logo and facsimile telephone number

You should program the date and time, your logo and facsimile telephone number. This information will be printed on each page transmitted from your unit, fulfilling the requirements of the Telephone Protection Act of 1991.

Example:



Setting the date and time

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press #, then **0** **1**.

`SET DATE & TIME`

3 Press **SET**.

`M:01/D:01/Y:00`

Cursor

4 Enter the correct month/day/year by selecting 2 digits for each, using the dial keypad.
Example: Aug. 10, 2000
Press **0** **8** **1** **0** **0** **0**.

`M:08/D:10/Y:00`

5 Press **SET**.

`TIME: 12:00AM`

6 Enter the correct hour/minute by selecting 2 digits for each, using the dial keypad.
Press * to select “AM” or “PM”.
Example: 3:15PM

1. Press **0** **3** **1** **5**.

`TIME: 03:15AM`

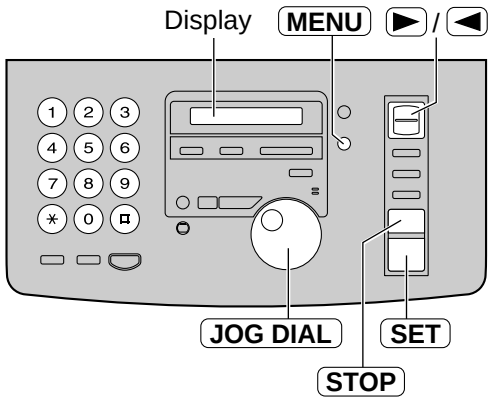
2. Press * until “PM” is displayed.

`TIME: 03:15PM`

7 Press **SET**.

`SETUP ITEM [ ]`

8 Press **MENU**.



Note:

- You can enter your number by rotating **JOG DIAL** in steps 4 and 6. In this case, press ► to move the cursor.
- The accuracy of the clock is approximately ±60 seconds a month.

To correct a mistake

- Press ► or ◄ to move the cursor to the incorrect number, and make the correction.
- If you press **STOP** while programming, the display will return to the previous one.

Setting your logo

The logo can be your company, division or name.

1 Press **MENU**.

Display:

```
1.SYSTEM SET UP
```

2 Press ⌗, then **0** **2**.

```
YOUR LOGO
```

3 Press **SET**.

```
LOGO=
```

4 Enter your logo, up to 30 characters, using the dial keypad. See next page for details.

Example: Bill

1. Press **2** twice.

```
LOGO=B
```

Cursor

2. Press **4** six times.

```
LOGO=Bi
```

3. Press **5** six times.

```
LOGO=Bil
```

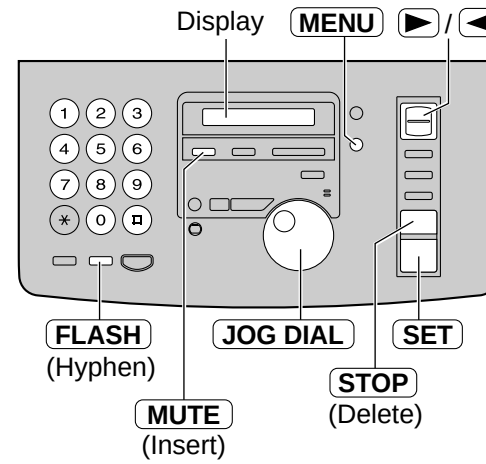
4. Press ► to move the cursor to the next space and press **5** six times.

```
LOGO=Bill
```

5 Press **SET**.

```
SETUP ITEM [  ]
```

6 Press **MENU**.



Note:

- You can enter your logo by rotating **JOG DIAL** (see next page).

To correct a mistake

- Press ► or ◄ to move the cursor to the incorrect character, and make the correction.

To delete a character

- Move the cursor to the character you want to delete and press **STOP**.

To insert a character

1. Press ► or ◄ to move the cursor to the position to the right of where you want to insert the character.
2. Press **MUTE** (Insert) to insert a space and enter the character.

For fax advantage assistance, call 1-800-435-7329.

To select characters with the dial keypad

Pressing the dial keys will select a character as shown below.

Keys	Characters
1	1 [ ] { } + – / = , . _ ` : ; ? |
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0 ( ) 〈 〉 ! " # $ % & ¥ ∗ @ ^ ' →
FLASH	**Hyphen** button (To insert a hyphen.)
MUTE	**Insert** button (To insert one character or one space.)
STOP	**Delete** button (To delete a character.)
▶	▶ key (To move the cursor to the right.) To enter another character using the same number key, move the cursor to the next space.
◀	◀ key (To move the cursor to the left.)

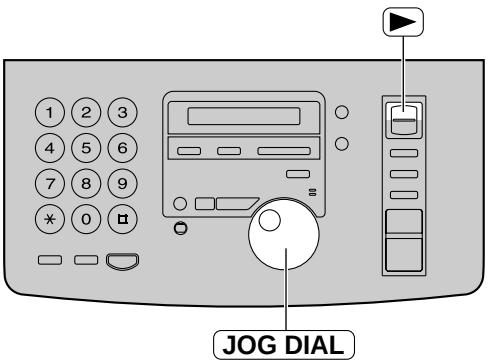
To select characters using the JOG DIAL

Instead of pressing the dial keys, you can select characters using the JOG DIAL.

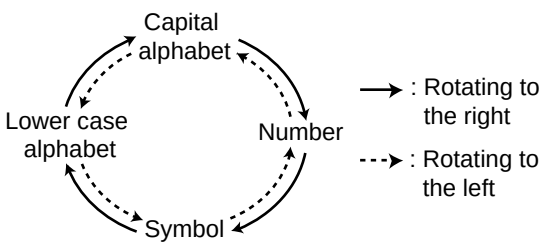
1. Rotate JOG DIAL until the desired character is displayed.

2. Press ▶ to move the cursor to the next space.
- The character displayed in step 1 is inserted.

3. Return to step 1 to enter the next character.



Display order of characters



Setting your facsimile telephone number

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press #, then **0** **3**.

`YOUR FAX NO.`

3 Press **SET**.

`NO.=`

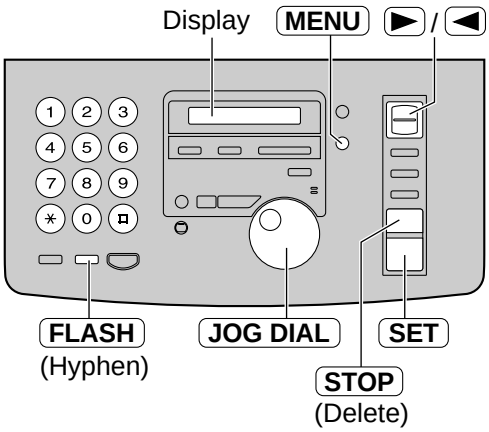
4 Enter your facsimile telephone number, up to 20 digits, using the dial keypad.

Example: `NO.=1234567`

5 Press **SET**.

`SETUP ITEM [ ]`

6 Press **MENU**.



Note:

- You can enter your facsimile telephone number by rotating **JOG DIAL**. If using **JOG DIAL**, press ► to move the cursor.
- The * button replaces the digit with a "+" and the # button replaces it with a space.

  Example (using the dial keypad): +234 5678

  Press *2 3 4 # 5 6 7 8.
- To enter a hyphen in a telephone number, press **FLASH** (Hyphen).

To correct a mistake

- Press ► or ◄ to move the cursor to the incorrect number, and make the correction.

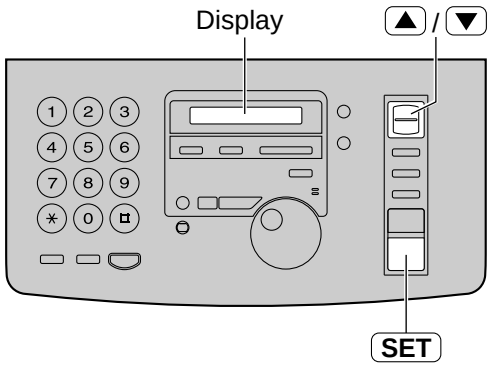
To delete a number

- Move the cursor to the number you want to delete and press **STOP**.

For fax advantage assistance, call 1-800-435-7329.

Adjusting volumes

Ringer volume



4 levels (high/middle/low/off) are available.
While the unit is idle, press ▲ or ▼.

■ **To turn the ringer off:**

1. Press ▼ repeatedly until the following message is displayed.

Display:

```
RINGER OFF= OK?
YES:SET/NO:STOP
```

2. Press **SET**.

● To turn the ringer back on, press ▲.

■ **While the ringer volume is set to off:**

The display will show the following message.

```
RINGER OFF
```

When a call is received, the unit will not ring and will display the following.

```
INCOMING CALL
```

Handset receiver volume

5 levels (high to low) are available.
While using the handset, press ▲ or ▼.

Speaker volume

8 levels (high to low) are available.
While using the speakerphone, press ▲ or ▼.

Fax voice guidance volume

9 levels (high to off) are available.
While listening to the fax voice guidance, press ▲ or ▼.

Answering device volume

9 levels (high to off) are available.
While listening to the recorded messages, press ▲ or ▼.

Voice calls - making

1 Press **DIGITAL SP-PHONE** or lift the handset.

Display: TEL=

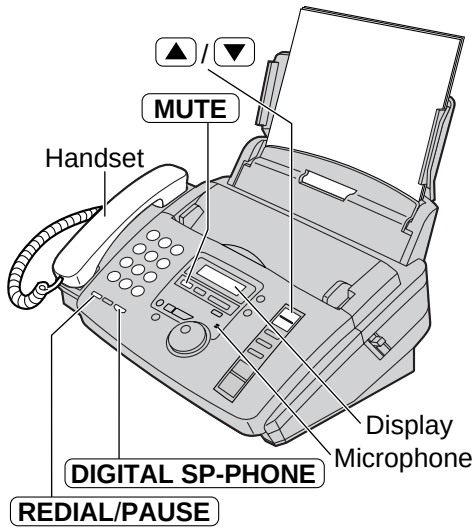
2 Dial the telephone number.

Example: TEL=2345678

- If you misdial, hang up and dial again.

3 When the other party answers, talk into the microphone or handset.

4 When finished talking, press **DIGITAL SP-PHONE** or replace the handset.



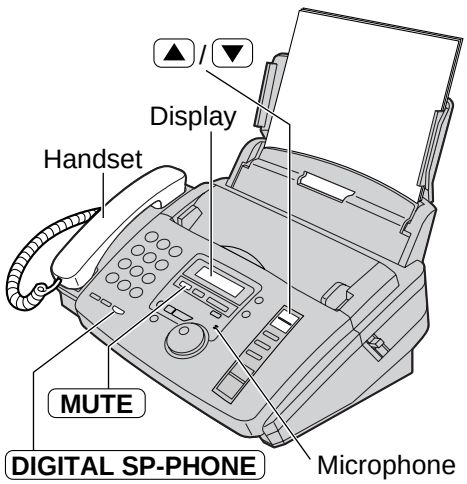
Note:

- The dialing mode is set to "TONE" as a default setting. If you cannot dial, change to "PULSE" with feature #13 (p. 63).

Voice calls - answering

1 When the unit rings, press **DIGITAL SP-PHONE** or lift the handset.

2 When finished talking, press **DIGITAL SP-PHONE** or replace the handset.



To redial the last number

1. Press **DIGITAL SP-PHONE** or lift the handset.
2. Press **REDIAL/PAUSE**.

To mute your voice to the other party

1. Press **MUTE** during a telephone conversation.

Display: <MUTE>

- The other party cannot hear you, but you can hear them.

2. To resume the conversation, press **MUTE** again.

Speakerphone operation

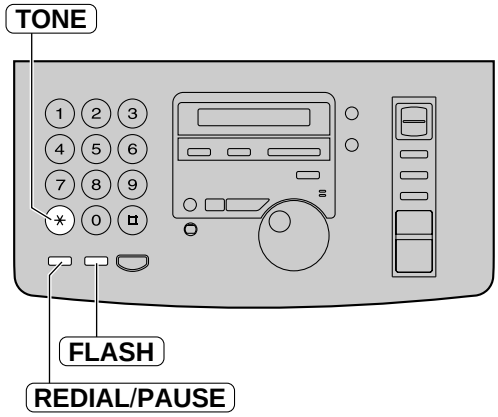
- Use the speakerphone in a quiet room.
- Adjust the speakerphone volume using ▲ or ▼.
- To switch to the handset, lift the handset. To switch back to the speakerphone, press **DIGITAL SP-PHONE**.

For fax advantage assistance, call 1-800-435-7329.

TONE, FLASH and PAUSE buttons

TONE button

The **TONE** (✳) button is used for rotary pulse dial services and allows you to temporarily change from pulse to tone mode during a dialing operation.
When you hang up, the unit will automatically return to the pulse mode.



Note:

- TONE and PAUSE can be stored into a telephone number in the JOG DIAL directory.

FLASH button

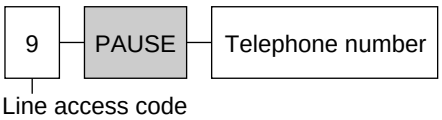
The **FLASH** button functions like the hookswitch on a regular telephone. If you misdial a telephone number, press the **FLASH** button firmly.

The **FLASH** button also allows you to use special features of a host exchange (if connected) or local telephone company services such as call waiting. For further details, contact your host exchange supplier or local telephone company.

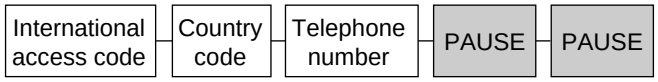
Entering pauses

When the **REDIAL/PAUSE** button is pressed during dialing, a pause will be inserted.

Example 1:
If your unit is connected to a host exchange, insert a pause to get an outside line.



Example 2:
If a transmission error occurs during an overseas fax transmission, add two pauses at the end of the telephone number.



Storing names and telephone numbers in the JOG DIAL directory

For rapid access to frequently dialed numbers, the unit provides a JOG DIAL directory (50 stations).
For your convenience, the following 2 stations have been pre-programmed.
HELP-FAX (1-800-435-7329): If you cannot correct a problem after trying the help function (p. 8), call using this station (p. 23).
IQ-FAX-CS (IQ-FAX Customer Service Center)(1-888-332-9728): If you have a problem with IQ-FAX, call using this station (p. 23).
If you do not need the above stations, you can erase them (p. 22).

1 Press **DIRECTORY PROGRAM**.

Display:
```
USE JOG-DIAL OR
PRESS DIR.PROG.
```

2 Rotate **JOG DIAL** until the following is displayed.
```
NAME=
```

3 Enter the name, up to 10 characters, by following the instructions on the next page.

Example:
```
NAME=Alice
```

4 Press **SET**.
```
NO.=
```

5 Enter the telephone number, up to 30 digits, using the dial keypad.

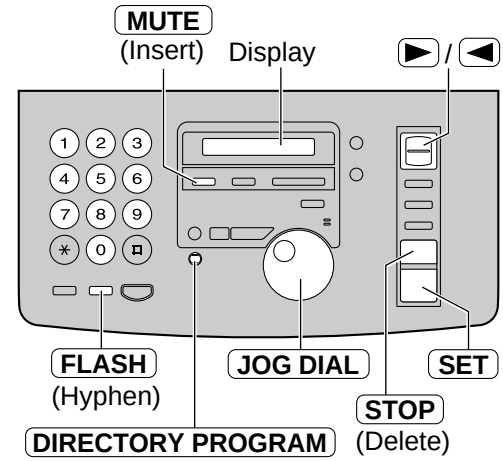
Example:
```
NO.=5552233
```

- If you want to enter a hyphen, press **FLASH**.

6 Press **SET**.
```
REGISTERED
NAME=
```

- To program other items, repeat steps 3 to 6.

7 Press **DIRECTORY PROGRAM** to exit the program.



Helpful hint:

- You can confirm the stored items on the display (p. 23) or on the telephone number list (p. 81).

Note:

- When the following message is displayed in step 6, you can only store 5 more items.

Display:
```
SPACE= 5 DIRS.
```

- If there is no space to store new stations, the following message is displayed in step 1.
```
JOG-DIAL FULL
```
Erase unnecessary stations (p. 22).
- A hyphen or a space entered in a telephone number counts as two digits.

To correct a mistake

- Press ► or ◄ to move the cursor to the incorrect character/number, and make the correction.

To delete a character/number

- Move the cursor to the character/number you want to delete and press **STOP**.

To select characters with the dial keypad

Pressing the dial keys will select a character as shown below.

Keys	Characters
1	1 [ ] { } + – / = , . _ ` : ; ? |
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0 ( ) 〈 〉 ! " # $ % & ¥ ∗ @ ^ ' →
FLASH	**Hyphen** button (To insert a hyphen.)
MUTE	**Insert** button (To insert one character or one space.)
STOP	**Delete** button (To delete a character.)
▶	▶ key (To move the cursor to the right.) To enter another character using the same number key, move the cursor to the next space.
◀	◀ key (To move the cursor to the left.)

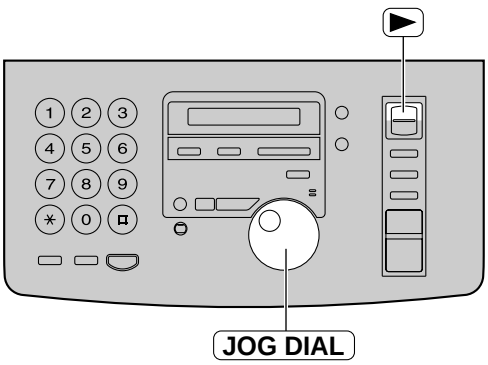
To select characters using the JOG DIAL

Instead of pressing the dial keys, you can select characters using the JOG DIAL.

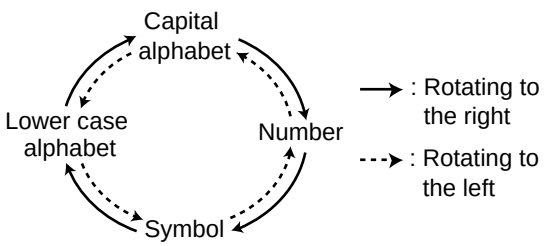
1. Rotate **JOG DIAL** until the desired character is displayed.

2. Press ▶ to move the cursor to the next space.
- The character displayed in step 1 is inserted.

3. Return to step 1 to enter the next character.



Display order of characters



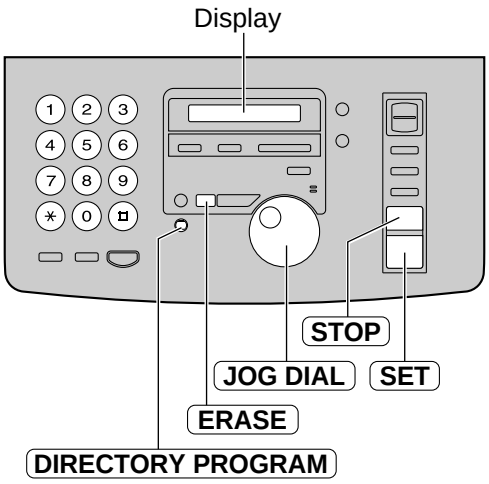
Editing/erasing a stored name and number

1 Rotate **JOG DIAL** until the desired name is displayed.

Example: `Mary`

2 Press **DIRECTORY PROGRAM**.

`EDIT=∗ DELETE=#`



Editing

3 Press ∗ to select “EDIT”.

`NAME=Mary`

- If you do not need to edit the name, skip to step 5.

4 Edit the name by following the instructions on page 21.

5 Press **SET**.

Example: `NO.=0123456`

- If you do not need to edit the telephone number, skip to step 7.

6 Edit the telephone number. For further details, see page 20.

7 Press **SET**.

`REGISTERED`

Erasing

3 Press # to select “DELETE”.

`DELETE OK?`

↕

`YES:SET/NO:STOP`

- To cancel erasing, press **STOP**.

4 Press **SET**.

`DELETED`

- The stored name and number are deleted.

Note:

- You can use the following method to erase.

1. Rotate **JOG DIAL** until the desired name is displayed.
2. Press **ERASE**.
3. Press **SET**.

Making a voice call using the JOG DIAL directory

Before using this feature, program the desired names and telephone numbers into the directory (p. 20).

1 Rotate **JOG DIAL** until the desired name is displayed.

Example: `Lisa`

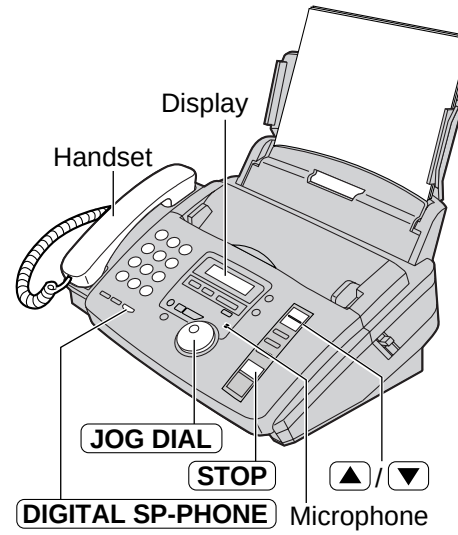
2 Press **DIGITAL SP-PHONE** or lift the handset.
- The unit will start dialing automatically.

`DIALING`

3 When the other party answers, talk into the microphone or the handset.

`TEL=<Lisa>`

4 When finished talking, press **DIGITAL SP-PHONE** or replace the handset.



Helpful hint:
- You can confirm the stored items on the display (see below) or on the telephone number list (p. 81).

Note:
- If the desired name has not been stored, press **STOP** and dial the number manually.

To confirm the stored items on the display

1. Rotate **JOG DIAL** until the desired name is displayed.

Example: `Kim`

2. Press ▲ or ▼.

`4567890`

- To stop the operation, press **STOP**.

3. Press **DIGITAL SP-PHONE** or lift the handset.
- The unit will automatically dial the number.

To search for a name by initial

Example: If you want to search for the name "Lisa"

1. Rotate **JOG DIAL** until any name is displayed.

Example: `Alan`

2. Press **5** repeatedly until any name with the initial "L" is displayed (see the character table on page 21).

`Larry`

3. Rotate **JOG DIAL** to the right until "Lisa" is displayed.

`Lisa`

- To stop the operation, press **STOP**.

4. Press **DIGITAL SP-PHONE** or lift the handset.
- The unit will automatically dial the number.

Note:
- When you want to search for symbols (not letters or numbers), press ✳ in step 2.

Caller ID service from your phone company

This unit is compatible with a Caller ID service offered by your local telephone company. To use this feature, you must subscribe to a Caller ID service.

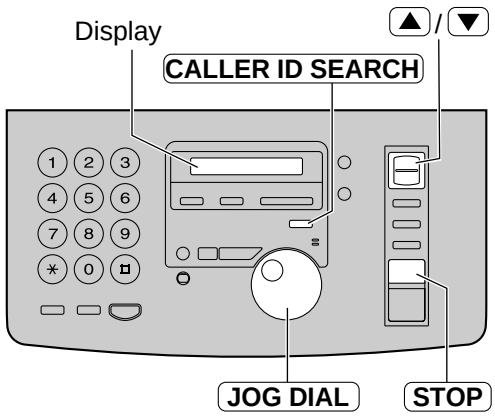
Set the following ring count settings to 2 or more rings beforehand.
— TAD ring count and FAX ring count (feature #06 on page 63)
— TEL/FAX ring count (feature #78 on page 68)

How Caller ID is displayed

The calling party's name or telephone number will be displayed after the first ring.
You then have the option of whether or not to answer the call depending on the caller.

Example: `Chris Horner`

The unit will automatically store the caller's information (name and telephone number) and the time of the call. You can view the caller's information (see below) and print the caller ID list (p. 25).



Note:

- If the unit is connected to a PBX (Private Branch Exchange) system, you may not receive the caller's information. Consult your PBX supplier.
- If the unit cannot receive caller information, the unit will show the following.

Display:		
	`OUT OF AREA`	The caller dialed from an area which does not provide a Caller ID service.
	`PRIVATE CALLER`	The caller requested not to send their information.
	`LONG DISTANCE`	The caller made a long distance call.

Viewing caller information on the display

Once a call is received, the caller's information will be stored in the unit as a new call. After viewing, it will be stored as an old call.

1 Press **CALLER ID SEARCH**.
Example (2 new calls are received):

Display:
`2 NEW CALLS`
↕
`USE JOG-DIAL`

2 Rotate **JOG DIAL** to the right (clockwise).
- The display will show the most recent caller's name.

3 Press **STOP** to stop viewing.

Note:

- If you want to know the caller's telephone number and the date/time of the call, press ▲ or ▼ repeatedly while the display shows the name.

Example:
`WENDY ROBERTS`
↓
`1-345-678-9012`
↓
`Mar. 14 10:30AM`

To search for caller information

- If you rotate **JOG DIAL** to the left, the display will show from the reviewed calls.
- If the unit could not receive caller information, the unit will show:

```
NO NAME RCVD
```

- After the last new call has been displayed, the unit will show:

```
END OF NEW CALL
```

- After all calls are displayed, the unit will show:

```
END
```

- If no calls have been received, the unit will show:

```
NO CALLER DATA
```

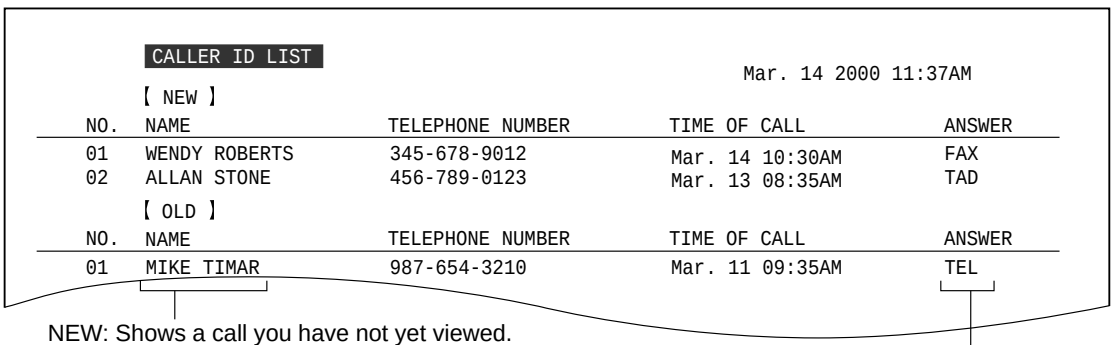
Confirming caller information using the Caller ID list

The unit will store caller information of up to 30 calls (Caller ID list).

— To print the Caller ID list manually, see page 81.

— This list will be printed out automatically after every 30 new calls.
This feature is set to “ON” as a default with feature #26 (p. 65). If you select “OFF”, the unit will not print the list automatically but will store the records of received calls.

Sample of a Caller ID list



CALLER ID LIST

Mar. 14 2000 11:37AM

【 NEW 】

NO.	NAME	TELEPHONE NUMBER	TIME OF CALL	ANSWER
01	WENDY ROBERTS	345-678-9012	Mar. 14 10:30AM	FAX
02	ALLAN STONE	456-789-0123	Mar. 13 08:35AM	TAD

【 OLD 】

NO.	NAME	TELEPHONE NUMBER	TIME OF CALL	ANSWER
01	MIKE TIMAR	987-654-3210	Mar. 11 09:35AM	TEL

NEW: Shows a call you have not yet viewed.
OLD: Shows a call you have already viewed.

FAX: Facsimile reception
TAD: Telephone answering device responded.
TEL: Telephone call received.
(blank) : Not answered.

Note:

- When the total number of calls reaches 30 and a new call is received, the oldest data will automatically be erased.
- The caller information is received from your telephone company and may vary from the JOG DIAL directory of your unit.

Calling back using caller information

You can easily call back a caller using the stored caller information.

Important:

- This feature is not available in the following cases.
  - — The telephone number includes data other than numbers (ie., ✳ or #).
  - — The caller's information does not include a telephone number.

1 Press **CALLER ID SEARCH**.

Example: `2 NEW CALLS`

↕

Display: `USE JOG-DIAL`

2 Rotate **JOG DIAL** until the desired name (or telephone number) is displayed.

Example: `ALLAN STONE`

- To confirm the telephone number, press ▲ or ▼ repeatedly.

  Example: `1-456-789-0123`

- To edit the number, see below.

3 Press **DIGITAL SP-PHONE** or lift the handset.

- The unit will start dialing automatically.
- To send a fax – insert the document FACE DOWN and press **FAX START**.
  See pages 30 and 31 for details.

To edit the telephone number

Press ✳ repeatedly in step 2.

Each time you press ✳, the telephone number will be changed as follows.

1. 1 – Area code – Local telephone number ("1" added)
2. Local telephone number (area code omitted)
3. Area code – Local telephone number
4. 1 – Local telephone number ("1" added and area code omitted)

Storing caller information in the JOG DIAL directory

You can store caller information (name and telephone number) in the JOG DIAL directory.

Important:

- This feature is not available in the following cases.
  - — The telephone number includes data other than numbers (ie., ✳ or #).
  - — The caller's information does not include a telephone number.

1 Press **CALLER ID SEARCH**.

Example: `2 NEW CALLS`

↕

Display: `USE JOG-DIAL`

2 Rotate **JOG DIAL** until the name you want to store is displayed.

Example: `WENDY ROBERTS`

3 Press **DIRECTORY PROGRAM**.

`NAME=WENDY ROBE`

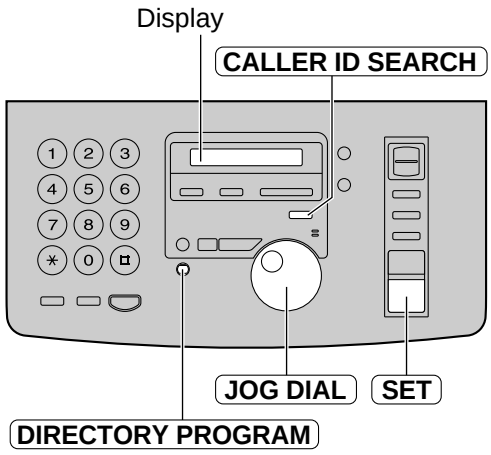
- If the directory is full, a name and number cannot be stored. Erase unnecessary stations in the JOG DIAL directory (p. 22).

4 Press **SET**.

Example: `NO.=3456789012`

5 Press **SET**.

`REGISTERED`



Note:

- You can confirm the stored items on the display (p. 23) or on the telephone number list (p. 81).
- You can only store a name up to 10 characters long.
- To edit items stored in the JOG DIAL directory, see page 22.

Erasing caller information

Erasing specific caller information

1 Press **CALLER ID SEARCH**.

Example: `2 NEW CALLS`

↕

Display: `USE JOG-DIAL`

2 Rotate **JOG DIAL** until the desired name is displayed.

Example: `WENDY ROBERTS`

3 Press **ERASE**.

- The caller's information will be erased.

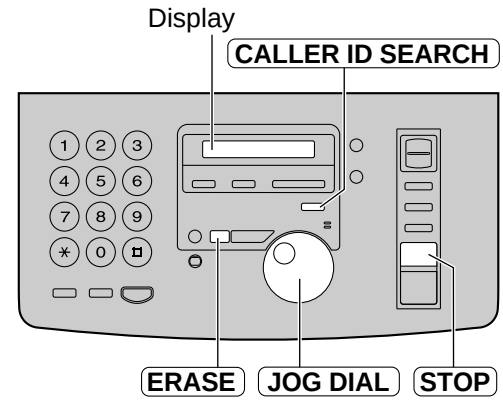
`DELETED`

↓

Example: `ALLAN STONE`

- To erase other items, repeat steps 2 and 3.

4 Press **STOP** to exit the program.



Erasing all stored caller information

1 Press **MENU** three times.

Display: `3.CALLER SET UP`

2 Press **SET**.

`CALL LIST ERASE`

3 Press **SET**.

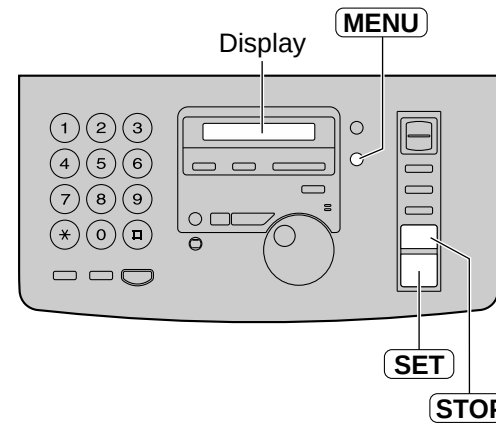
`ALL ERASE OK?`

- To cancel erasing, press **STOP**, then **MENU**.

4 Press **SET**.

`ERASE COMPLETED`

5 Press **STOP** to exit the program.



Talking to the other party after fax transmission or reception

You can talk to the other party after a fax message is completed. This will save the added expense and time of making another call.
This feature only works when the other party's fax machine is equipped with a voice contact feature.

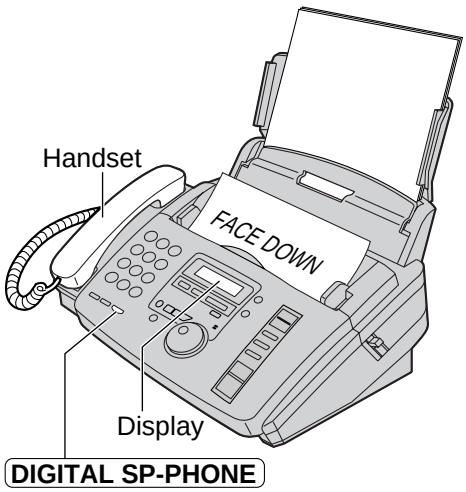
Initiating voice contact

1 Press **DIGITAL SP-PHONE** while transmitting or receiving documents.

Display: `VOICE STANDBY`

- Your unit will call the other party with a distinctive ring.
- When the other party answers, your unit will emit a distinctive ring.

2 Press **DIGITAL SP-PHONE** or lift the handset to start talking.



Note:

- If you initiate voice contact during transmission, the unit will call you with a distinctive ring after all of the documents have been transmitted.
- If you initiate voice contact during reception, the unit will call you with a distinctive ring after the current page of the document is received.

Receiving a request for voice contact

1 If the other party initiates voice contact, your unit will sound a distinctive ring and the following will be displayed.

Display: `PLEASE PICK UP`

2 Press **DIGITAL SP-PHONE** or lift the handset within 10 seconds of the distinctive ring to start talking.

Note:

- If you do not answer within 10 seconds of the distinctive ring;
  - — In the TAD/FAX mode, your unit will play a greeting message and record an incoming voice message.
  - — In the FAX ONLY, TEL or TEL/FAX mode, the line will be disconnected.

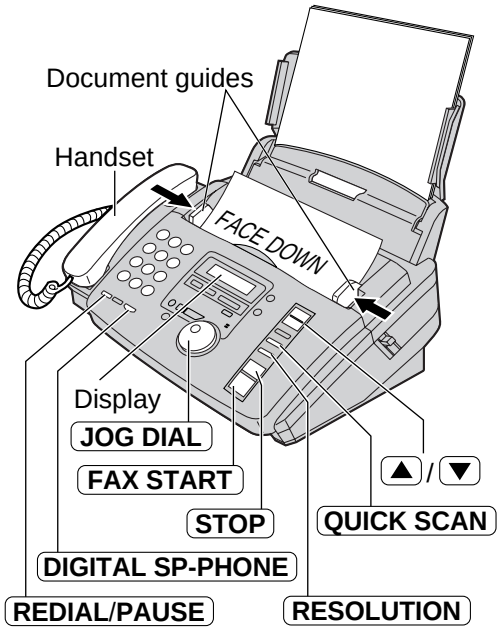
Sending a fax manually/using the JOG DIAL directory

1 Adjust the width of the document guides to the size of the document.

2 Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

3 If necessary, press **RESOLUTION** repeatedly to select the desired setting (see below).



Manually

4 Press **DIGITAL SP-PHONE** or lift the handset.

`TEL=`

5 Dial the fax number.

Example: `TEL=5678901`

6 **When a fax tone is heard:**
Press **FAX START**, and replace the handset if using it.
OR
When the other party answers your call:
Ask them to press their start button. When a fax tone is heard, press **FAX START** and replace the handset if using it.

`CONNECTING.....`

Using the JOG DIAL directory

4 Rotate **JOG DIAL** until the desired name is displayed.

Example: `Alice`

- To confirm the number, press ▲ or ▼.
- For further details about using the JOG DIAL, see page 23.

5 Press **FAX START**.

`FAX=<Alice>`
↓
`CONNECTING.....`

To select the resolution

Select the desired resolution according to the type of document.

STANDARD: For printed or typewritten originals with normal-sized characters.

FINE: For originals with small printing.

SUPER FINE: For originals with minute printing.

HALF TONE: For originals containing photographs, shaded drawings, etc.

- Using the “FINE”, “SUPER FINE” or “HALF TONE” setting will increase the transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The “SUPER FINE” resolution only works with other compatible fax machines.

From memory

You can press **QUICK SCAN** instead of **FAX START** to scan the document into memory before sending.
After storing, the unit will transmit the document.

- The memory capacity is approx. 25 pages based on the ITU-T No. 1 Test Chart in standard resolution (p. 85).
- If the document exceeds the memory capacity, sending will be cancelled.

To transmit more than 10 pages at a time

Insert the first 10 pages of the document. Add the extra pages (up to 10) before the last page is fed into the unit.

To stop transmission

Press **STOP** .

To redial the last number

Press **REDIAL/PAUSE** .

- If the line is busy, the unit will automatically redial the number up to 2 times.
- During redial, the following will be displayed.

Display: `WAITING REDIAL`

- To cancel redialing, press **STOP** .

Fax auto redial for the JOG DIAL directory

If the line is busy or there is no answer when using the JOG DIAL directory, the unit will automatically redial the number up to 2 times.

- This feature is also available for delayed transmission (feature #25 on page 64).
- During redial, the following will be displayed.

Display: `WAITING REDIAL`

- To cancel redialing, press **STOP** .

Convenient way to send a fax

You can dial the fax number first before inserting the document. This is convenient if the other party's number is indicated on the document.

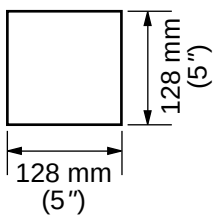
1. Enter the fax number.
   - The handset must be on the cradle.
2. Insert the document.
3. Press **FAX START** .

If your unit does not send a fax using the JOG DIAL directory

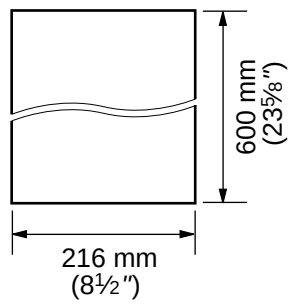
- Confirm the stored items on the display (p. 23) or on the telephone number list (p. 81).
- Check that the number dialed is answered by the other party's machine.
  1. Rotate **JOG DIAL** until the desired name is displayed.
  2. Press **DIGITAL SP-PHONE** .
- The connecting tone will be heard during dialing to tell you the status of the other party's machine (feature #76 on page 68).

Documents you can send

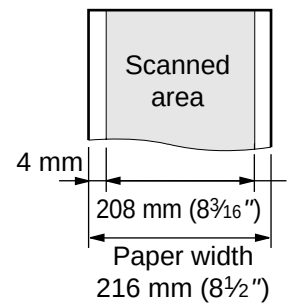
Minimum size



Maximum size



Effective scanning area



Document weight

Single sheet:
45 g/m² to 90 g/m²
(12 lb. to 24 lb.)

Multiple sheets:
60 g/m² to 75 g/m²
(16 lb. to 20 lb.)

Note:

- Remove clips, staples or other similar fastening objects.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
  - — Chemically treated paper such as carbon or carbonless duplicating paper
  - — Electrostatically charged paper
  - — Heavily curled, creased or torn paper
  - — Paper with a coated surface
  - — Paper with a faint image
  - — Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)

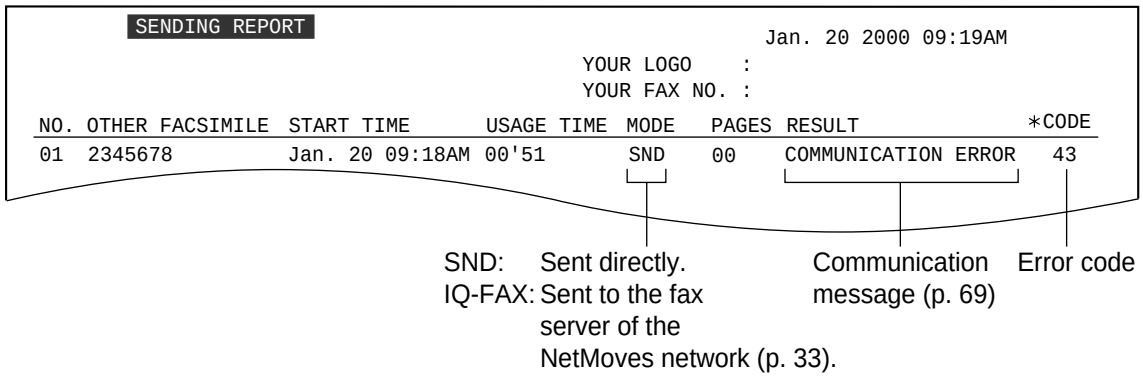
Reports for confirmation

To confirm the communication results, the following reports are available.

Sending report

This report will provide you with a printed record of fax transmission results. To use this feature, activate feature #04 (p. 63).

Sample of a sending report


SENDING REPORT
Jan. 20 2000 09:19AM
YOUR LOGO :
YOUR FAX NO. :
NO. OTHER FACSIMILE START TIME USAGE TIME MODE PAGES RESULT ∗CODE
01 2345678 Jan. 20 09:18AM 00'51 SND 00 COMMUNICATION ERROR 43
SND: Sent directly.
IQ-FAX: Sent to the fax server of the NetMoves network (p. 33).
Communication message (p. 69)
Error code

Note:

- If your fax is not transmitted to the other party's fax machine when using the NetMoves network (p. 33), the NetMoves network will send a Non-Delivery Notice to your unit.

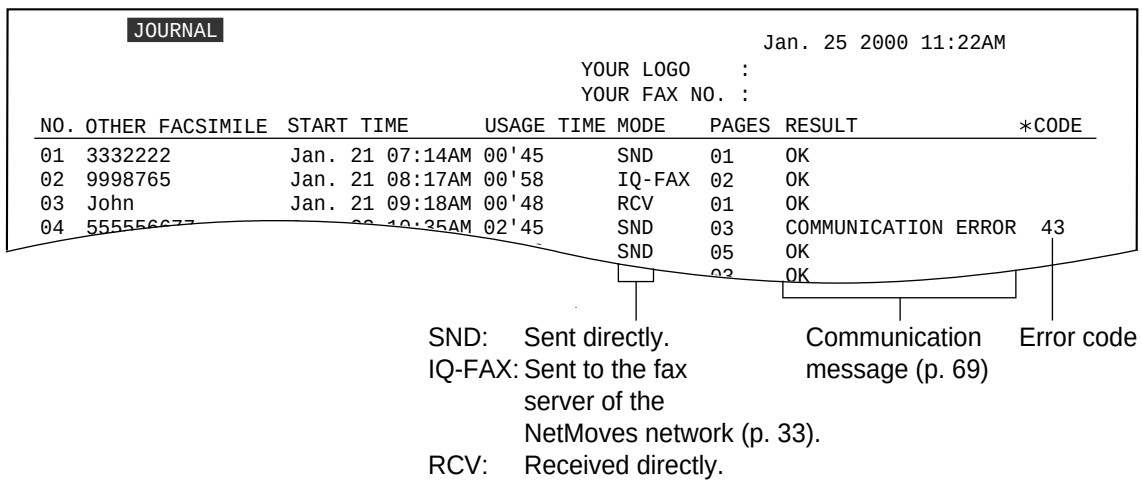
Journal report

The unit stores the 30 most recent fax communication results. When a new communication occurs, the oldest communication result will be erased.

—To print manually, see page 81.

—To print automatically after every 30 new fax communications, select "ON" with feature #22 (p. 64). If you select "OFF", the unit will not print the journal automatically but store the records of fax communications.

Sample of a journal report


JOURNAL
Jan. 25 2000 11:22AM
YOUR LOGO :
YOUR FAX NO. :
NO. OTHER FACSIMILE START TIME USAGE TIME MODE PAGES RESULT ∗CODE
01 3332222 Jan. 21 07:14AM 00'45 SND 01 OK
02 9998765 Jan. 21 08:17AM 00'58 IQ-FAX 02 OK
03 John Jan. 21 09:18AM 00'48 RCV 01 OK
04 555556677 10:35AM 02'45 SND 03 COMMUNICATION ERROR 43
SND 05 OK
OK
SND: Sent directly.
IQ-FAX: Sent to the fax server of the NetMoves network (p. 33).
RCV: Received directly.
Communication message (p. 69)
Error code

Note:

- If your fax is not transmitted to the other party's fax machine when using the NetMoves network (p. 33), the NetMoves network will send a Non-Delivery Notice to your unit.

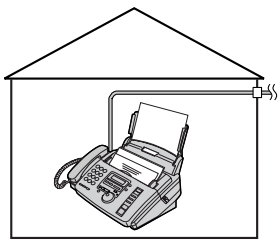
IQ-FAX

This feature can only be used after applying to NetMoves.
IQ-FAX is intelligent faxing which allows you to send faxes via the Internet using the IQ-FAX button. Behind the IQ-FAX button is the NetMoves Global Fax Network which manages the delivery of your fax to any fax machine in the world. It routes your fax via the best and most time-efficient route and will automatically resend your fax for you if the receiving fax machine is unavailable.

This “fax-only” network has the added advantage of cost efficiency due to the Internet being integrated into the network. Every fax is secure since the NetMoves network utilizes the highest encryption legally allowed, ensuring that your document stays secure. You get the benefits of carefree faxing with savings associated with the use of the Internet. It is simple, quick, and secure.

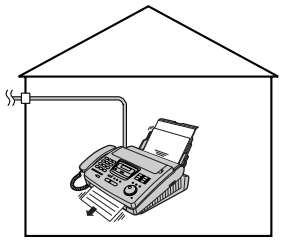
For more information, contact NetMoves at 1-888-332-9728. This number is pre-programmed in the JOG DIAL directory (p. 20).

How your fax is sent to the other party’s fax machine



Your unit will send a fax to the fax server.

The fax server will receive the fax from your unit, then send it to the other party’s fax machine.



The other party’s fax machine will receive the fax from the fax server.

If any transmission errors occur between your unit and the fax server, your unit will automatically redial the fax server up to 2 times.

If any transmission errors occur between the fax server and the other party’s fax machine, the fax server will automatically redial the other party’s fax machine up to 3 times. If your fax is still not transmitted after 3 attempts, the fax server will fax a Non-Delivery Notice to you. In this case, there is no charge. Set your unit to receive a fax.

How to apply for the NetMoves Internet service for your unit

1. Fill out the attached application form and fax it to 1-800-909-6649.
- The NetMoves company will send you a welcome fax after they have activated your account.
- There is no application or monthly fee. You pay only for the faxes you send.

2. To activate the IQ-FAX function from your fax machine, set feature #75 to “ON” (p. 67).

Sending a fax using the Internet

1 Adjust the width of the document guides to the size of the document.

2 Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

3 If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 30).

4 Press **IQ-FAX** .

`IQFAX TO WHERE?`

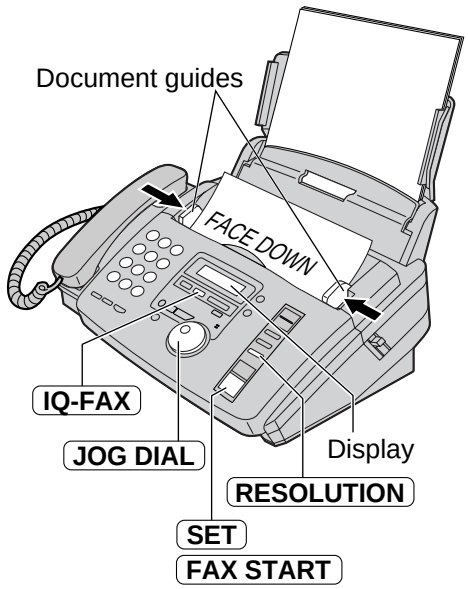
5 Enter the fax number using the dial keypad or **JOG DIAL** .

- When you use the **JOG DIAL** , display the desired item and press **SET** .

Example: `FAX=223344`

6 Press **FAX START** .

`TRYING IQ-FAX`
↓
`CONNECTING.....`
↓
`SENDING P 1`
↓
`SENT TO SERVER`



Note:

- If the number you dialed is out of the NetMoves network service area, the unit will show the following messages and send the fax directly over the telephone line.

Display: `OUT OF NETWORK` ↓ `SENDING NORMAL`

If these messages are displayed when sending a fax long-distance or internationally using IQ-FAX, contact NetMoves at 1-888-332-9728.

If you cannot send a fax

- Contact NetMoves at 1-888-332-9728. The NetMoves customer service center may send you a program update. While receiving this update, the following message will be displayed for about 3 minutes.

Display: `LOADING IQ-DATA`

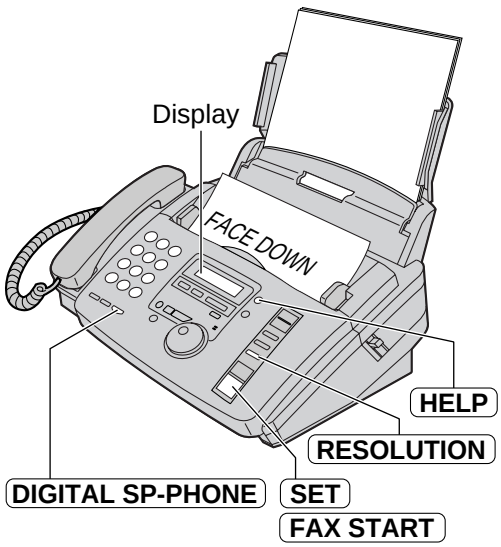
- During this time, you will not be able to operate the unit or an extension telephone, if it is connected.
- If a loading error occurs, the unit will display the following message.

`LOADING ERROR`

In this case, contact NetMoves at 1-888-332-9728.

Sending a fax with the voice guide

You can send documents by following the voice guide. After transmission, the voice guide will turn off automatically.



1 Press **HELP** two times.

Display: `1.SEND GUIDE`

2 Press **SET**.

Voice guide:

To transmit, insert the document face down until you hear the beep.

3 Insert the document FACE DOWN.

- If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 30).

Press the speaker phone button, then dial the phone number. When the fax tone is heard, press the start button.

4 Press **DIGITAL SP-PHONE**.

- You can also use the handset.

5 Dial the fax number.

6 **When a fax tone is heard**, press **FAX START**.

Start transmission.

One time broadcast transmission

This feature is useful for sending the same document to selected parties whose fax numbers are stored in the JOG DIAL directory. If you only wish to send a document once, select the parties for each transmission.

Before programming, make sure that the desired stations have been stored in the JOG DIAL directory (p. 20).

1 Insert the document FACE DOWN.
- If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 30).

2 Rotate **JOG DIAL** until the following is displayed.

Display: `<ONE TIME BROAD>`

3 Press **SET**.

`DIR= [000]`

4 Rotate **JOG DIAL** until the desired name is displayed.

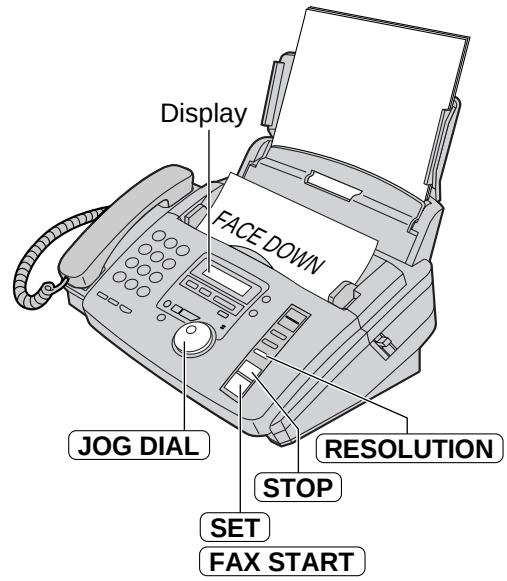
Example: `Bill [000]`

5 Press **SET**.

`DIR=Bill [001]`

- To program other stations, repeat steps 4 and 5 (up to 20 stations).

6 Press **FAX START** after programming all of the desired stations.
- The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each station, calling each number sequentially.
- After transmission, the stored document will be erased automatically, and the unit will automatically print a broadcast sending report (p. 39).



Note:
- If you select the “FINE”, “SUPER FINE” or “HALF TONE” resolution, the number of pages that the unit can transmit will decrease.
- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialed up to 2 times after all of the other stations have been called.

To cancel the broadcast setting

1. Press **STOP** while the unit displays the following message.

Display: `BROADCASTING`

- The display will show the following.

`SEND CANCELED?`
↕
`YES:SET/NO:STOP`

2. Press **SET**.

Broadcast transmission to pre-programmed parties

This feature is useful for sending the same document often to selected parties whose fax numbers are stored in the JOG DIAL directory. First program the parties (see below) then see page 39 for transmission.
Before programming, make sure that the desired stations have been stored in the JOG DIAL directory (p. 20).

Programming the stations in the broadcast memory

1 Press **DIRECTORY PROGRAM** .

Display:
```
USE JOG-DIAL OR
PRESS DIR.PROG.
```

2 Press **DIRECTORY PROGRAM** again.
```
BROADCAST
PRESS SET
```

3 Press **SET** .
```
DIR=          [000]
```

4 Rotate **JOG DIAL** until the desired name is displayed.

Example:
```
John          [000]
```

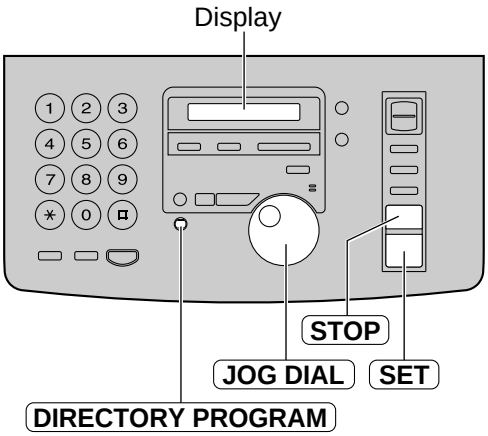
5 Press **SET** .

Example:
```
DIR=John      [001]
```

- To program other stations, repeat steps 4 and 5 (up to 20 stations).

6 Press **SET** after programming all of the desired stations.
```
REGISTERED
USE JOG-DIAL OR
PRESS DIR.PROG.
```

7 Press **STOP** to exit the program.



Note:
- If you enter the wrong station, press **STOP** after step 5 to erase the station.
- Confirm the stored numbers by printing a broadcast programming list (p. 81).

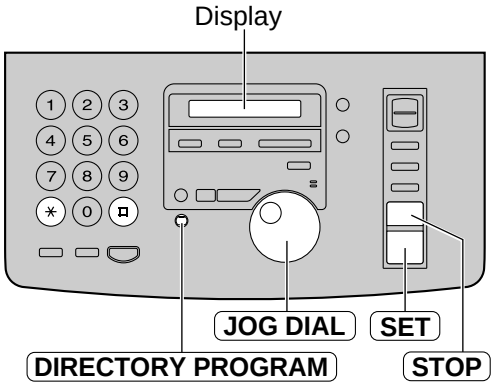
Adding/erasing a station in the broadcast memory

1 Rotate **JOG DIAL** until the following is displayed.

Display: `<BROADCAST>`

2 Press **DIRECTORY PROGRAM**.

`ADD=* DELETE=#`



Adding

3 Press * to select “ADD”.

4 Rotate **JOG DIAL** until the desired name is displayed.

Example: `Mike`

5 Press **SET**.

`REGISTERED`

↓

Example: `Nikki`

- To add other stations, repeat steps 4 and 5 (up to 20 stations).

6 Press **DIRECTORY PROGRAM** to exit the program.

Erasing

3 Press # to select “DELETE”.

4 Rotate **JOG DIAL** until the desired name is displayed.

Example: `Dick`

- To cancel erasing, press **STOP**.

5 Press **SET**.

`DELETE OK?`

↕

`YES:SET/NO:STOP`

6 Press **SET**.

`DELETED`

↓

Example: `Bob`

- To delete other stations, repeat steps 4 to 6.

7 Press **DIRECTORY PROGRAM** to exit the program.

Sending to pre-programmed parties in the broadcast memory

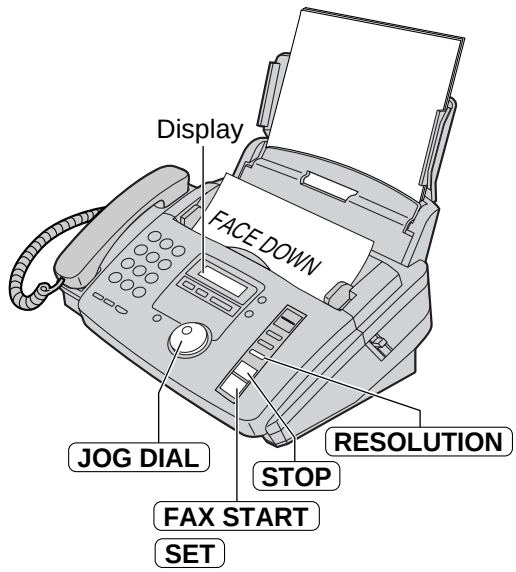
The same document will be sent to the specific parties whose numbers are stored in broadcast memory.
The memory capacity is approx. 25 pages based on the ITU-T No. 1 Test Chart in standard resolution (p. 85).

1 Insert the document FACE DOWN.
- If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 30).

2 Rotate **JOG DIAL** until the following is displayed.

Display: <BROADCAST>

3 Press **FAX START** .
- The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each station, calling each number sequentially.
- After transmission, the stored document will be erased automatically, and the unit will automatically print a broadcast sending report (see below).



Note:
- If you select the “FINE”, “SUPER FINE” or “HALF TONE” resolution, the number of pages that the unit can transmit will decrease.
- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialed up to 2 times after all of the other stations have been called.

To cancel the broadcast setting

1. Press **STOP** while the unit displays the following message.

Display: BROADCASTING

- The display will show the following.

SEND CANCELED?
↕
YES:SET/NO:STOP

2. Press **SET** .

Sample of a broadcast sending report

BROADCAST REPORT

Jan. 10 2000 09:36AM

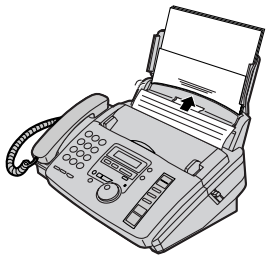
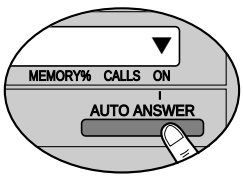
YOUR LOGO :
YOUR FAX NO. :

NO.	OTHER FACSIMILE	START TIME	USAGE TIME	PAGES (IQ-FAX)		RESULT
01	Mike	Jan. 10 09:31AM	01'10	02	∗	OK
02	Peter	Jan. 10 09:33AM	01'08	02	∗	OK
03	Sam	Jan. 10 09:34AM	01'09	02	∗	OK
04	Kim	Jan. 10 09:35AM	01'10	02	∗	OK
		TOTAL	004'37	008	(008)	

Total number of pages sent to the fax server of the NetMoves network (p. 33).

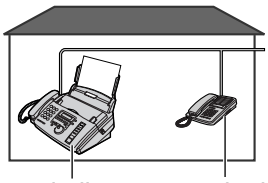
The “∗” mark shows the fax has been sent to the fax server of the NetMoves network (p. 33).

Setting the unit to receive faxes

	Use as answering device and/or fax	Use only as fax
How you want the unit to receive calls	**You want to receive all voice and fax calls automatically.**	 **You have a separate telephone line just for faxes.**
You have to set this.	**TAD/FAX mode** (p. 50)	**FAX ONLY mode** (p. 43)
	Turn AUTO ANSWER on by pressing **AUTO ANSWER**. 	
This is how the unit will operate.	**When receiving voice calls:** The unit will activate the answering device and record voice messages. **When receiving fax calls:** The unit will activate the fax function to receive documents.	**When receiving calls:** The unit will begin fax receiving.

Voice mail service (Distinctive Ring)

2-number example



Facsimile No. (555-1333)

Telephone No. (555-1111)

You need to subscribe to Distinctive Ring Service.

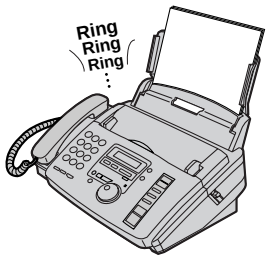
Setting the Distinctive Ring pattern (feature #31 on page 65)

Select the same ring pattern assigned to the facsimile number.

A: Standard ring (one long ring)
B: Double ring (two short rings)
C: Triple ring (short-long-short rings)
D: Other triple ring (short-short-long rings)

When the fax machine detects a call matching the selected Distinctive Ring pattern: The fax machine will activate the fax function.
When the fax machine detects other ring patterns: The fax machine will operate based on the AUTO ANSWER setting.

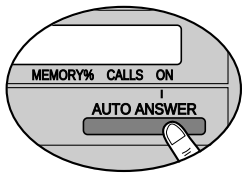
Mostly voice calls



You plan to answer the calls yourself.

TEL mode (p. 42)

Turn AUTO ANSWER off by pressing **AUTO ANSWER** .



When receiving calls:
You have to answer all calls manually.
To receive a fax document, press **FAX START** for each fax call.

Other options

With PC

If you have a computer attached to the same telephone line, see page 46.

TEL/FAX mode

If you are near the unit and want to use it to receive voice calls yourself and fax calls automatically, see pages 44 and 45.

Remote fax activation

You can also receive a fax from an extension phone. If you answer a call with an extension phone and hear the fax calling tone, press ✳ 9 (pre-selected fax activation code) to receive a fax (p. 46).

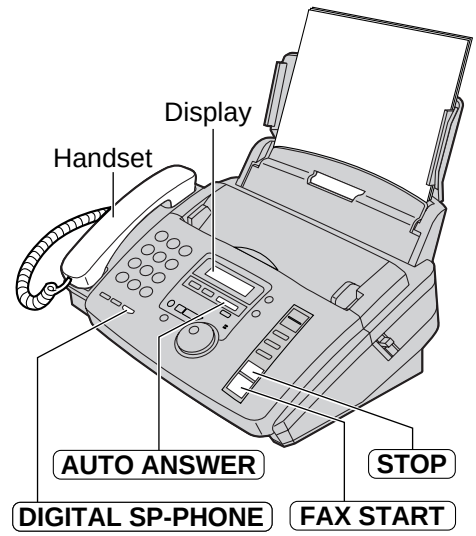
TEL mode (answering all calls manually)

Activating the TEL mode

If the arrow (▼) is shown on the right of the display, turn it off by pressing **AUTO ANSWER**.

Display: `TEL MODE`

ON



Receiving a fax manually

1 When the unit rings, press **DIGITAL SP-PHONE** or lift the handset to answer the call.

2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,
press **FAX START**.

`CONNECTING.....`

3 Replace the handset, if using it.
● The unit will start fax reception.

Note:
- If you do not answer the call within 15 rings, the unit will temporarily activate the answering device.
- Up to 30 sheets of printed paper can be held. Remove the printed paper before it exceeds 30 sheets.

To stop receiving

Press **STOP**.

Friendly reception feature

When you answer a call and hear a fax calling tone (slow beep), the unit will automatically start fax reception.
- If this feature is not required, set feature #46 to "OFF" (p. 66).

Fax reception in memory

When a printing problem is detected, the unit will temporarily store the received document into memory.
While the document is in memory;
— the display will show an error message and the following message alternately.

Display: `FAX IN MEMORY`

— slow beeps will sound (memory reception alert). See feature #44 on page 66.
- Follow the instructions on pages 70 and 71 to solve the problem.
- For memory capacity, see page 85.

FAX ONLY mode (all calls are received as faxes)

Activating the FAX ONLY mode

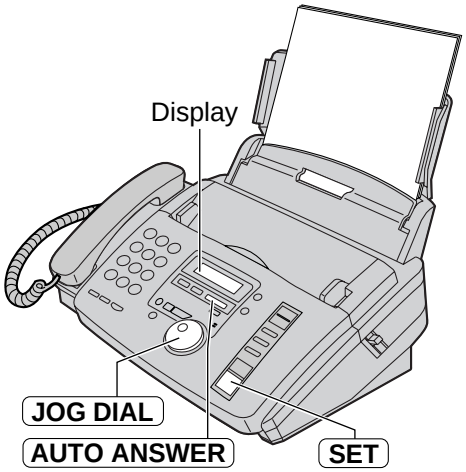
1 Set feature #77 to “FAX ONLY” (p. 68).

2 If the arrow (▼) is not shown on the right of the display, turn it on by pressing **AUTO ANSWER**.

- The display will show the number of rings before the unit answers a call in the FAX ONLY mode.

Display:

```
PICKUP & RCV FAX
        ↓
AFTER 3 RINGS ↻↺
```



3 If necessary, rotate **JOG DIAL** until the desired ring count is displayed, and press **SET**.

Display:

```
                    ▼
                   ON
```

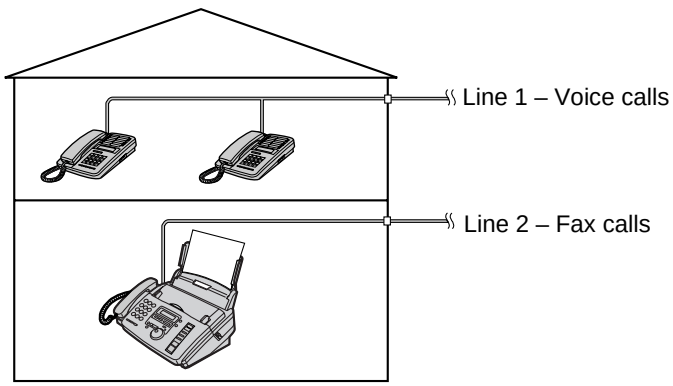
- When receiving calls, the unit will automatically answer all calls and only receive fax documents.

Note:

- If the arrow (▼) is already shown on the right of the display and you wish to change the ring count, turn the arrow off once then on again by pressing **AUTO ANSWER** and follow the instructions in step 3.
- This mode should not be used with a telephone line which is used for both voice and fax calls. Fax communication will be attempted even if someone is trying to call you.

If you have a telephone line just for faxes, we recommend the following setup.

Example: One telephone line is used for voice calls and a separate telephone line for faxes.



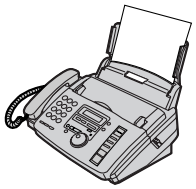
Only a fax machine is connected.

TEL/FAX mode (receiving voice calls with rings and fax calls without rings when you are near the unit)

Use this mode when you are always near the fax machine, and want to receive faxes without ringing. When a call is received, the fax machine will work as follows. To set the TEL/FAX mode, see below.

A call is received.

The fax machine will not ring.
TEL/FAX delayed ring count



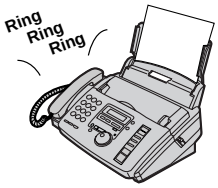
● The call is connected.

Voice call

This message will be played to the calling party.

Hello! To send a fax, start transmission.
To speak with someone, please wait.

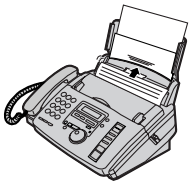
The fax machine will **ring up to 3 times**.
Silent fax recognition ring count



● The calling party will hear a different ring back tone.

Fax calling tone*

The fax machine will automatically receive documents without ringing.



Answer the call.
● If the call is not answered, this message will be played.**

No one is available to take your call right now.
Please try again later.
Thank you.

● Then the fax machine will activate the fax function for the other party's fax machine that does not send a fax calling tone.

* A fax calling tone is automatically generated by the sending fax machine. Some fax machines do not have this capability.
** You can record your own greeting message (p. 52).

Note:

● The fax machine will display the following when a call is received.

Display: `INCOMING CALL`

● The ringer should be on (p. 17).

To set the TEL/FAX mode

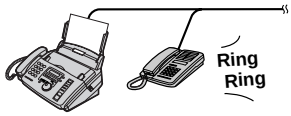
1. Set feature #77 to "TEL/FAX" (p. 68).
2. If the arrow (▼) is not shown on the right of the display, turn it on by pressing **AUTO ANSWER**.

Display: ▼
ON

When an extension telephone is connected

A call is received.

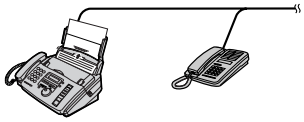
The fax machine will not ring but the extension telephone will **ring twice**.
TEL/FAX delayed ring count



- The call is connected.

Fax calling tone*

The fax machine will automatically receive documents without ringing.

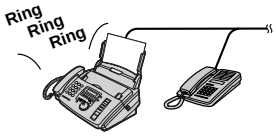


Voice call

This message will be played to the calling party.

Hello! To send a fax, start transmission.
To speak with someone, please wait.

The extension telephone will not ring but the fax machine will **ring up to 3 times**.
Silent fax recognition ring count



- The calling party will hear a different ring back tone.

Answer the call.

- If the call is not answered, this message will be played.**

No one is available to take your call right now.
Please try again later.
Thank you.

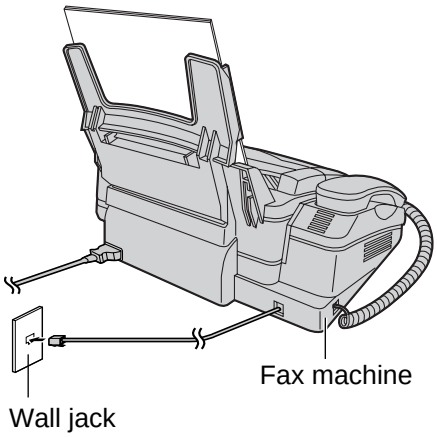
- Then the fax machine will activate the fax function for the other party's fax machine that does not send a fax calling tone.

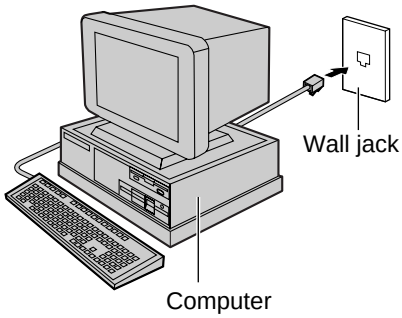
TEL/FAX delayed ring count
The number of rings generated before the fax machine answers depends on the setting of feature #78 on page 68. The fax machine will not generate an audible ring during this time.

Silent fax recognition ring count
The fax machine generates audible rings to indicate that it is receiving a voice call. The number of rings generated depends on the setting of feature #30 on page 65. This signal will not ring at an extension telephone.

Using the unit with a computer

We recommend you use separate wall jacks for the unit and the computer.





Note:

- Set the fax machine to the TEL mode.
- The device which has the shortest ring count will answer a call first.

Extension telephone

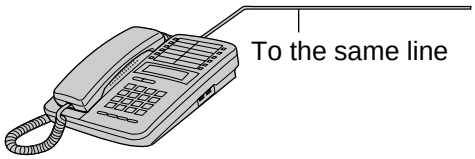
If you use the fax machine with an extension telephone, you can receive fax documents using the extension telephone.
You do not have to press **FAX START** on the fax machine.

Important:

- Use a touch tone telephone as the extension telephone and enter the fax activation code **firmly.**

1 When the extension telephone rings, lift the handset of the extension telephone.

2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,
press ✳ **9** (pre-selected fax activation code) **firmly**.



Extension telephone

3 Hang up the handset.
- The fax machine will start reception.

Note:

- You can change the fax activation code in feature #41 (p. 65).

Pager call - when the unit receives a fax or voice message

This feature allows your unit to call your pager when your unit receives a fax document or an incoming voice message.

- **If you have subscribed to a Caller ID service, your pager will display the caller's telephone number before the number "11" or "22" (see below).**

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press ⌗, then **7** **0**.

`PAGER CALL`

3 Press **SET**.

`MODE=OFF` ↻

4 Rotate **JOG DIAL** to select "ON".

`MODE=ON` ↻

- If this feature is not required, select "OFF".

5 Press **SET**.

`NO.=`

6 Enter your pager number.

- You can enter a total of 46 digits and/or pauses.

Example:

1 202 555 1234PP12345678PP

Your pager number | Pauses | Your pager access code, if required.

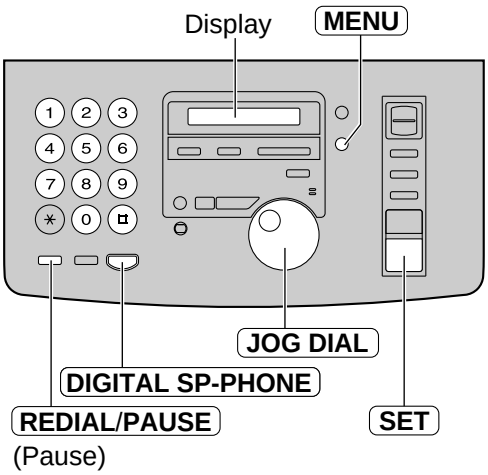
7 Press **SET**.

- The unit will dial the stored number.

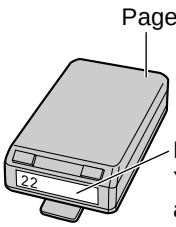
`PAGER TEST`

8 Check that your pager receives a pager test call.

9 Press **DIGITAL SP-PHONE**.



When your pager receives a pager call



Example:
Your unit received a fax document.

Your pager will beep and display as follows;
— "**11**" : when your unit receives a voice message.
— "**22**" : when your unit receives a fax document.

Making a copy

The unit can make single or multiple copies (up to 50). Any transmittable document (p. 31) can be copied.

1 Adjust the width of the document guides to the size of the document.

2 Insert the document (up to 10 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

- Make sure the handset is on the cradle.
- If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 30).

3 Press **COPY START** .

`NUMBER=1 [100%]`

- If necessary, enter the number of copies (up to 50).
- If necessary, choose an enlargement/ reduction rate by pressing **COPY ZOOM** . See next page.
- If you want to print collated (sorted) copies, press **COLLATE** until the following is displayed.

`COLLATE=ON`

4 Press **COPY START** .

- The unit will start printing.
- If you want to remove the copy document for other uses, press **QUICK SCAN** instead of **COPY START** . The unit will feed the document and scan it into memory, then start printing.

Note:

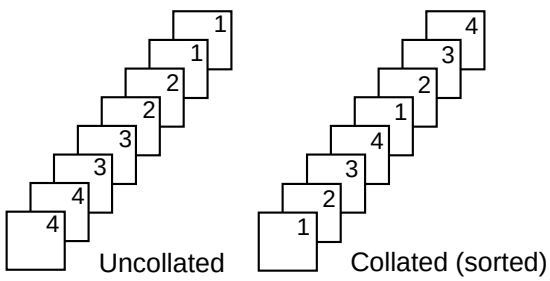
- If a resolution is not selected, “FINE” resolution will automatically be selected.
- You can make or receive a voice call while making copies.
- After copying, the enlargement/reduction rate setting will return to “100%”.

To stop copying

Press **STOP** .

Printing collated (sorted) copies

Example: Making two copies of a 4-page original document



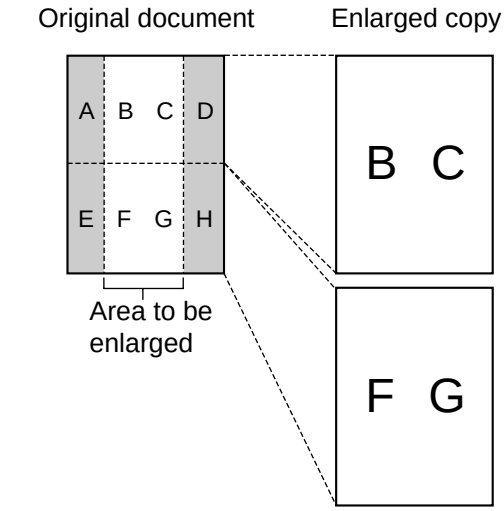
Note:

- If you turn the collating feature on, the unit will store the documents into memory. If memory becomes full while storing, the unit will only print out the stored pages.
- After copying, the collating feature will turn off automatically.

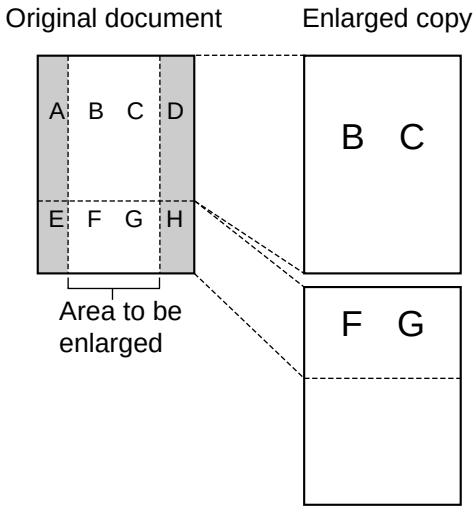
To enlarge a document

Select “200%” or “150%” by pressing **COPY ZOOM** (+). The unit will only enlarge the center part of the document and print it on two pages.

Example of a 200% enlarged copy



Example of a 150% enlarged copy



To reduce a document

The unit can reduce the original document.
Select the desired setting by pressing **COPY ZOOM** (–).

Recommended reduction rates:

Setting	Size of recording paper	Size of original document
100% (default)	Letter	Letter
	Legal*	Letter, A4, Legal
92%	Letter	A4
86%	Letter	A4
72%	Letter	Legal

Letter = 216 mm x 279 mm (8 1/2″ x 11″)
Legal = 216 mm x 356 mm (8 1/2″ x 14″)
A4 = 210 mm x 297 mm (8 1/4″ x 11 11/16″)
*If you use legal size paper, please purchase a legal paper tray, Model No. KX-FA50 (p. 7) and install it (p. 10).

Note:

- If the appropriate reduction rate is not programmed, the document may be divided and the top of the second sheet will be deleted.

TAD/FAX mode (using the built-in answering device and receiving voice and fax calls automatically)

When the TAD/FAX mode is set, the unit will work as a fax machine and/or answering device. If a fax call is detected, the unit will automatically receive the fax. If a voice call is detected, the answering device will play a greeting message and the caller can leave a voice message.

- You can use either the pre-recorded greeting messages (p. 51) or your own greeting message (p. 52).

Setting up the voice and fax message reception

1 Set feature #77 to “TAD/FAX” (p. 68).

2 If the arrow (▼) is not shown on the right of the display, turn it on by pressing **AUTO ANSWER**.

- The unit will play the greeting message.
- The display will show the number of rings before the unit answers a call in the TAD/FAX mode.

Display:

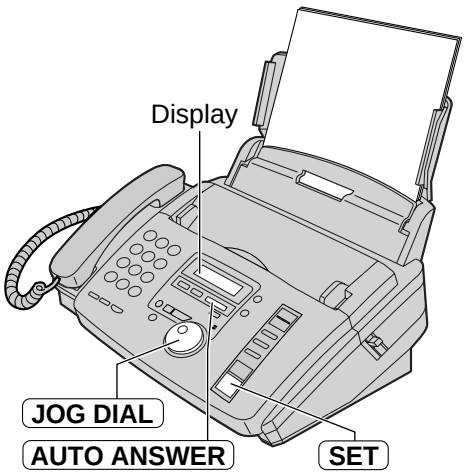
```
PICKUP &RCV CALL
        ↓
AFTER 2 RINGS
```

3 If necessary, rotate **JOG DIAL** until the desired ring count (see below) is displayed, and press **SET**.

- The remaining time for recording incoming messages will be displayed.

Example:

```
TIME = 10m13s
        ↓
              ▼
ON
```



Note:

- If the arrow (▼) is already shown on the right of the display and you wish to change the ring count, turn the arrow off once then on again by pressing **AUTO ANSWER** and follow the instructions in step 3.
- The incoming message recording time can be changed (feature #10 on page 63).
- For voice memory capacity for incoming messages, see page 85.
- When the remaining time is low, erase unnecessary messages (p. 55).
- While an incoming call is being recorded, you can monitor it through the speaker. If this feature is not required, set to “OFF” (feature #67 on page 67).

Ring count in the TAD/FAX mode

You can choose from 1, 2, 3, 4, TOLL SAVER and RINGER OFF.

TOLL SAVER: When you call the unit from a remote location, the number of rings will tell you if there are any new voice messages. If the unit answers on the second ring, there is at least one new recorded message. If the unit answers on the fourth ring, there are no new recorded messages. To save the toll charges for the call, hang up immediately when you hear the third ring. The third ring indicates that there are no new recorded messages.

RINGER OFF: The unit will answer without ringing.

- If you subscribe to a Caller ID service, set to 2 or more rings.
- You can also select the setting with programming feature #06 (p. 63).

Pre-recorded greeting messages

The unit has pre-recorded greeting messages. Depending on the situation, one of the following messages will be played to the caller. For your own greeting message, see page 52.

■ **When the unit is ready to receive voice and fax calls:**

Hello! We are unable to answer right now.
To send a fax, please start transmission.
To leave a voice message, please speak after the beep.
Thank you.

■ **When voice or fax memory is full:**

Display: `MESSAGE FULL`

Hello! We are unable to answer right now.
To send a fax, please start transmission.
To leave a voice message, please try again later.
Thank you.

`FAX MEMORY FULL`

Hello! We are unable to answer right now.
To send a fax, please try again later.
To leave a voice message, please speak after the beep.
Thank you.

`MESSAGE FULL`
and
`FAX MEMORY FULL`

Hello! We are unable to answer right now.
Please try again later.
Thank you.

Note:

- To clear the problem, see pages 70 and 71.

Recording your own greeting messages

You can record your own greeting messages for the TAD/FAX and TEL/FAX modes. When receiving a call, your own greeting message will be played instead of the pre-recorded message. The recording time will be limited to 16 seconds. We recommend you record your message within 12 seconds to make it easier to receive faxes.

Suggested messages

TAD/FAX greeting message	*"This is (your name, business and/or telephone number). We are unable to answer right now. To send a fax, start transmission. To leave a message, speak after the beep. Thank you."*
TEL/FAX greeting message	*"This is (your name, business and/or telephone number). We are unable to answer right now. Please try again later. Thank you."*

1 Select the desired mode (TAD/FAX or TEL/FAX) where you want to record a greeting message (feature #77 on page 68).

2 Press **RECORD** two times.
- The display will show the following according to your selection in step 1.

TAD/FAX mode: `2.TAD GREETING`

TEL/FAX mode: `2.T/F GREETING` ↕ `PRESS START`

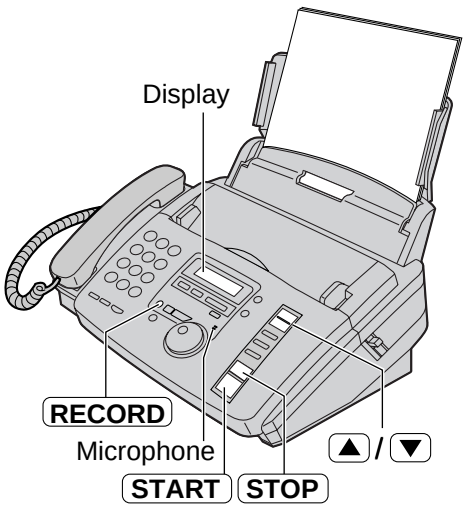
3 Press **START**.
- A long beep will sound.

4 Speak clearly about 20 cm (8 inches) away from the microphone.
- The display will show the remaining recording time.

TAD/FAX mode: `TAD REC. 15s`

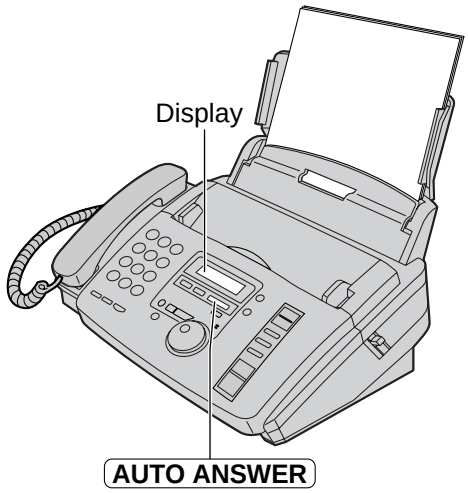
TEL/FAX mode: `T/F REC. 15s`

5 When finished recording, press **STOP**.
- The unit will repeat your message. Adjust the volume using ▲ or ▼.



Note:
- If you make a mistake while recording, start again from step 2.
- You can choose 60-seconds for your own TAD/FAX greeting message (feature #54 on page 67).

Checking the greeting messages



1 Select the desired mode (TAD/FAX or TEL/FAX) where you want to listen to a greeting message (feature #77 on page 68).

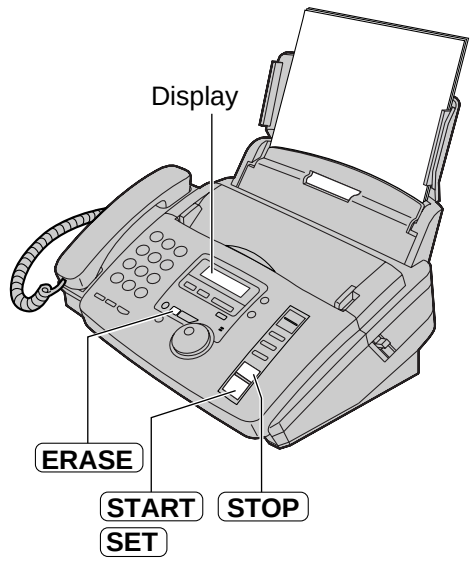
2 If the arrow (▼) is not shown on the right of the display, turn it on by pressing **AUTO ANSWER**.
If the arrow (▼) is shown on the right of the display, turn it off once then on again.

TAD/FAX mode:
```
PICKUP &RCV CALL
        ↓
AFTER 2 RINGS
```

TEL/FAX mode:
```
TEL/FAX MODE
```

- The unit will play the greeting message.

Erasing your own recorded greeting messages



1 Select the desired mode (TAD/FAX or TEL/FAX) where you want to erase the greeting message (feature #77 on page 68).

2 Press **ERASE** two times.
- The display will show the following according to your selection in step 1.

TAD/FAX mode:
```
2.TAD GREETING
```

TEL/FAX mode:
```
2.T/F GREETING
      ↕
PRESS START
```

3 Press **START**.

```
ERASE GREETING?
      ↕
YES:SET/NO:STOP
```

- To cancel erasing, press **STOP**.

4 Press **SET**.

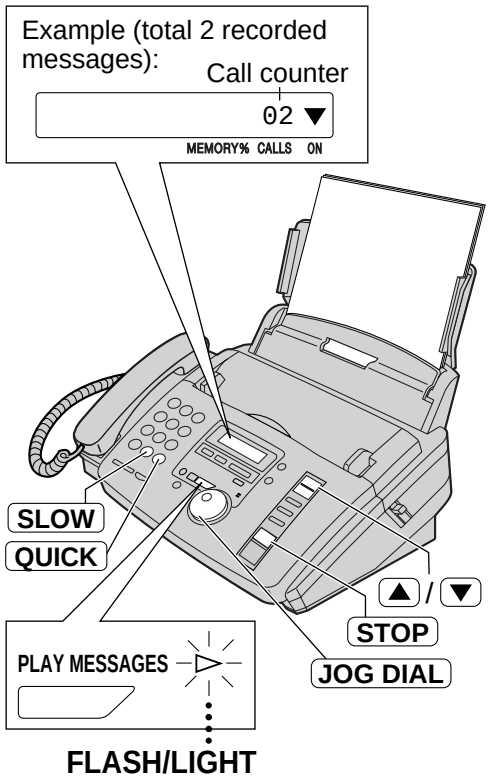
```
GREETING ERASED
```

- When receiving a call, the pre-recorded greeting message will be played.

Listening to recorded messages

When the unit has recorded new voice messages:
— the PLAY MESSAGES indicator will flash,
— the call counter will show the total number of recorded messages, and
— slow beeps will sound if the message alert feature is activated (feature #42 on page 65).

Press **PLAY MESSAGES**.
- Only the new recorded messages will be played.
- Adjust the speaker volume using ▲ or ▼.
- After playing back all of the new messages, the PLAY MESSAGES indicator will stop flashing and just light up.
  If you press **PLAY MESSAGES** at this time, all the recorded messages will be played.



Repeating a message

Rotate **JOG DIAL** one click to the left while listening to the message.
- If you rotate **JOG DIAL** to the left within 5 seconds of the beginning of the message, the previous message will be played.
- To play back a specific message, rotate **JOG DIAL** to the left or right and search for the message you want to listen to.

Skipping a message

Rotate **JOG DIAL** one click to the right to play the next message.

Stopping playback

Press **STOP**.
- If you press **PLAY MESSAGES** within 1 minute, the unit will resume playing the rest of the messages.

Changing the playback speed

Press **QUICK** to play messages at one and a half times the original speed.
Press **SLOW** to play messages at half the original speed.
- To return to the original speed, press **QUICK** or **SLOW** again during quick or slow playback.

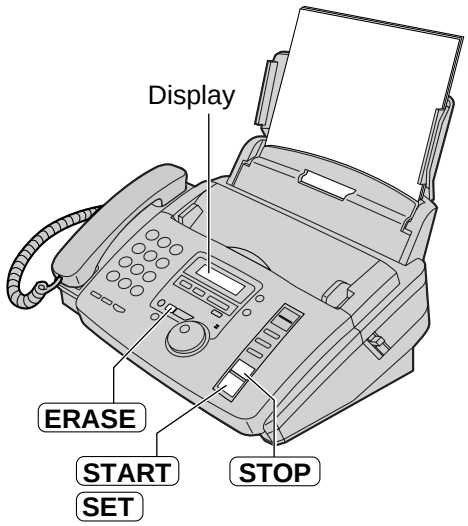
Voice time/day stamp

During playback, a synthesized voice will announce the time and day of the week that each message was recorded.

Erasing recorded messages

Erase unnecessary messages to prevent memory from becoming full.

Erasing a specific message



1 Press **ERASE** while listening to the message you want to erase.

Display:

```
ERASING
↓
MESSAGE ERASED
```

Erasing all the messages

Check that you have listened to all of the recorded messages.

1 Press **ERASE**.

Display:

```
1.ALL MESSAGES
↕
PRESS START
```

2 Press **START**.

```
ERASE MESSAGES?
↕
YES:SET/NO:STOP
```

- To cancel erasing, press **STOP**.

3 Press **SET**.

```
ERASING
↓
ERASE COMPLETED
```

Note:

- Greeting messages can not be erased this way.

Memo message (leaving a message for others or yourself)

To leave a private message for yourself or someone else, you can record a voice memo. This memo can be played back later, either directly or remotely.

1 Press **RECORD**.

Display:

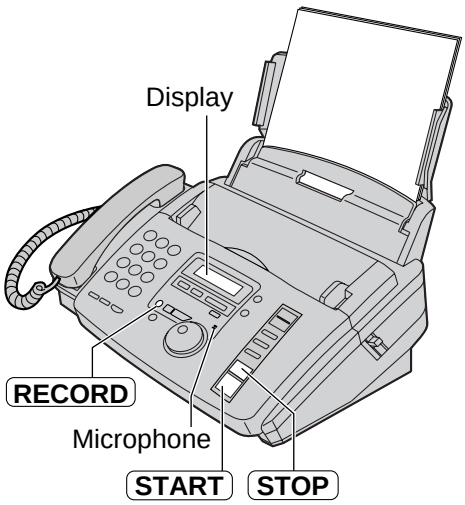
```
1.MEMO MESSAGE
↕
PRESS START
```

2 Press **START**.
- A long beep will sound.

```
MEMO RECORDING
```

3 Speak cleary about 20 cm (8 inches) away from the microphone.

4 When finished recording, press **STOP**.



Telephone conversation

You can record a telephone conversation. This conversation can be played back later, either directly or remotely.

1 During a telephone conversation, press **RECORD**.

Display:

```
2WAY RECORDING
```

2 To stop recording, press **STOP** or replace the handset.

Note:
- There may be legal restrictions in your state on recording two-way telephone conversations. Inform the other party that the conversation is being recorded.

Operating from a remote location

The following operations can be performed from a remote location using a touch tone telephone. **Program the remote operation ID (feature #11 on page 63) and set the unit to the TAD/FAX mode before going out (p. 50).**

Dial key	Remote command	Page
0	Skips the greeting message	59
1	Repeats a message	58
2	Skips a message	58
4	New message playback	58
5	All message playback	58
6	Room monitor	59
7	Re-records a greeting message	59
9	Stops re-recording of a greeting message	59

Dial key	Remote command	Page
✱ 4	Erases a specific message	59
✱ 5	Erases all messages	59
8 0	Changes to the TEL mode	59
8 1	Turns ON message transfer	59
8 2	Turns OFF message transfer	59
8 3	Turns ON pager call	59
8 4	Turns OFF pager call	59

Remote operation card

Please cut out and carry this card for assistance when using the remote operation.

Answering Device Remote Operation

1. Call your unit.
2. Enter the remote operation ID □□□ during the greeting message.
   - The new messages will be played automatically.
   - If there are no new messages, wait for 4 seconds. All the messages will be played back.
3. Press the remote command key(s) within 10 seconds (see the reverse side).

Fold here

Notice of Remote Operation

- The remote operation is available only from a touch tone telephone when the unit is in the TAD/FAX mode.
- When the unit is in the TEL mode, call your unit and wait for 15 rings. The answering device will temporarily answer the line. Enter the remote operation ID during the greeting message. The unit will switch to the TAD/FAX mode.
- When you press a key, press firmly.
- To send a document, press ✱ 9. When a fax tone is heard, start transmission.

Operation from a remote touch tone telephone

Listening to recorded messages

1 Call your unit.

2 Enter the remote operation ID during the TAD/FAX greeting playback.

When there are new recorded messages

The voice guide will tell you the number of new recorded messages and they will be played automatically.

Voice guide example:

3 new messages.

- **To repeat only the new messages:**
  Press 4.
- **To repeat the current message:**
  Press 1.
  If you press 1 within 5 seconds of the beginning of a message, the previous message will be played.
- **To listen to all the messages:**
  Press 5.
- **To skip a message:**
  Press 2.

When there are no new recorded messages

No new messages.

Press 5 or wait for 4 seconds to listen to all the messages.

When voice memory is full

Sorry, no more memory.
Please erase unnecessary messages.

Erase some or all of the messages (see next page).

Key	Remote command
0	Skips the greeting message
1	Repeats a message
2	Skips a message
4	New message playback
5	All message playback
6	Room monitor
7	Re-records a greeting message
9	Stops re-recording of a greeting message

Key	Remote command
✱4	Erases a specific message
✱5	Erases all messages
80	Changes to the TEL mode
81	Turns ON message transfer
82	Turns OFF message transfer
83	Turns ON pager call
84	Turns OFF pager call

Other remote operations

■ Erasing a specific message

Press ✳ 4 while listening to the message you want to erase.

Voice guide example:

The message has been erased.

- A long beep will also sound. The unit will then play back the next message.

■ Erasing all the messages

Press ✳ 5 to erase all the messages.

All messages have been erased.

- A long beep will also sound.

■ Monitoring the room

Press 6 to monitor the sound for about 30 seconds in the room where the unit is installed.

- After 30 seconds, a beep sounds. To continue monitoring, press 6 again within 10 seconds.

■ Recording a marker message

You can leave an additional message.

1. Wait for the voice guide.

All messages have been played.

2. Wait about 10 seconds.

Please leave your name and message after the beep.

3. Leave a message after the beep.

■ Re-recording a greeting message

You can change the contents of the TAD/FAX greeting message.

1. Press 7 to start recording.
   - A long beep will sound.
2. Speak clearly up to 16 seconds.
   - If you pause for over 2 seconds, 6 beeps will sound and the recording will stop. Repeat from step 1 within 10 seconds.
3. When finished recording, press 9 .
   - The new greeting message will be played.

■ Skipping the greeting message

Press 0 during the greeting message playback.

- The unit will skip the rest of the greeting message.

■ Turning the message transfer on or off

You must pre-program a transfer telephone number beforehand (feature #60 on page 67).

Press 8 1 to turn ON the message transfer.

Message transfer is set.
Transfer phone number is 123···.

Press 8 2 to turn OFF the message transfer.

Message transfer is off.

- If a transfer telephone number is not programmed, you cannot turn this feature ON.

Transfer phone number is not set.

■ Turning the pager call on or off

You must program a pager number beforehand (feature #70 on page 47).

Press 8 3 to turn ON the pager call.

Pager call is set.
Pager number is 098765432.

Press 8 4 to turn OFF the pager call.

Pager call is off.

- If a pager number is not programmed, you cannot turn this feature ON.

Pager number is not set.

■ Changing the receive mode

Press 8 0 to change the receive mode from TAD/FAX to TEL.

- You cannot return to the TAD/FAX mode in the same call. To return to the TAD/FAX mode, see below.

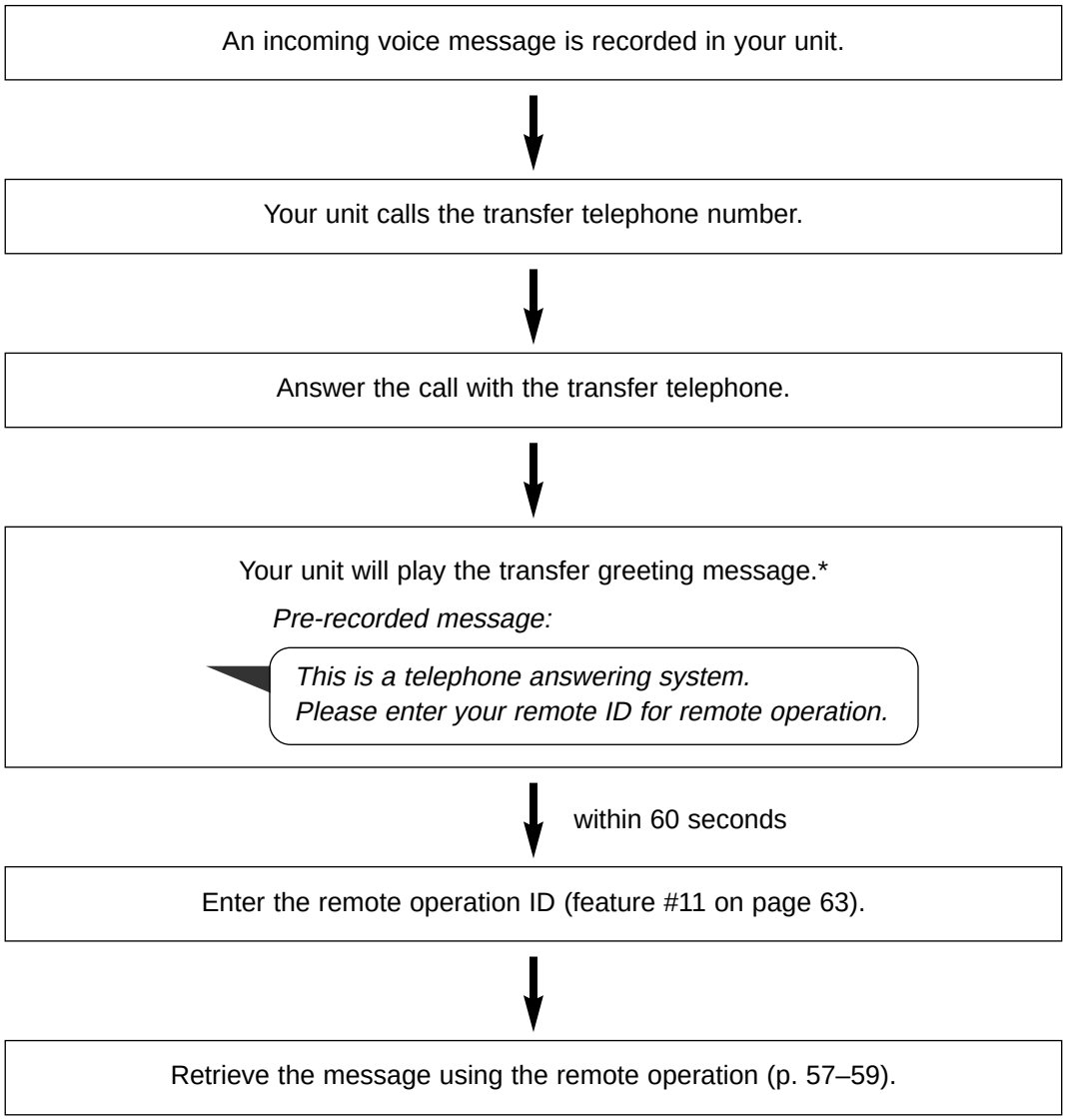
■ Returning to the TAD/FAX mode

1. Call your unit and wait for 15 rings.
   - The answering device will temporarily answer the call.
2. Enter the remote operation ID during the greeting message.
   - Your unit will switch to the TAD/FAX mode.

Transferring recorded messages to another telephone

This feature allows your unit to call a designated telephone number each time an incoming voice message is recorded. You can retrieve the transferred message during the same call using the remote operation.

Program the transfer telephone number first (feature #60 on page 67) and set to the TAD/FAX mode.


An incoming voice message is recorded in your unit.
Your unit calls the transfer telephone number.
Answer the call with the transfer telephone.
Your unit will play the transfer greeting message.*
Pre-recorded message:
This is a telephone answering system.
Please enter your remote ID for remote operation.
within 60 seconds
Enter the remote operation ID (feature #11 on page 63).
Retrieve the message using the remote operation (p. 57–59).

* This message can be changed (see next page).

Recording your own transfer greeting message

The recording time is limited to 16 seconds.

Suggested message

"This is a transferred message from (your name, business and/or telephone number). Please enter your remote ID for remote operation."

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press ⌗, then **6** **1**.

`TRNS-GREETING`

3 Press **SET**.

`CHECK` ↻

4 Rotate **JOG DIAL** to select "RECORD".

`RECORD` ↻

5 Press **SET**.

`TRNS REC. 16s`

6 Speak clearly about 20 cm (8 inches) away from the microphone.

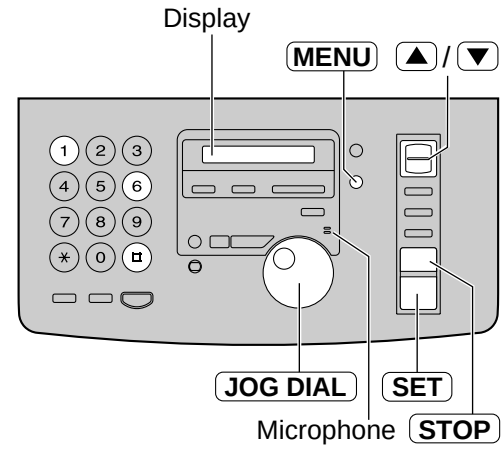
- The display will show the remaining recording time.

Example: `TRNS REC. 15s`

7 When finished recording, press **STOP**.

- The unit will repeat your message. Adjust the volume using ▲ or ▼.

8 Press **MENU**.



To check your transfer greeting message

1. Press **MENU**, ⌗ **6** **1**, then **SET**.
2. Rotate **JOG DIAL** to select "CHECK".
3. Press **SET**.
   - The unit will play your message.
4. Press **MENU**.

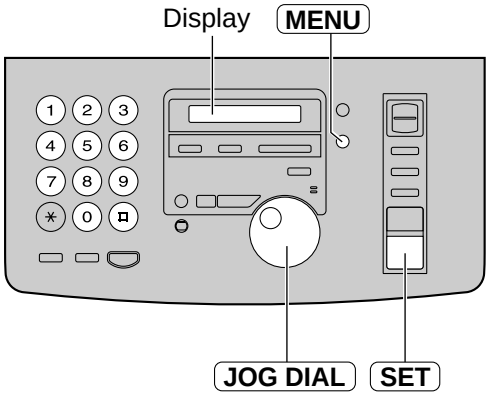
To erase your transfer greeting message

1. Press **MENU**, ⌗ **6** **1**, then **SET**.
2. Rotate **JOG DIAL** to select "ERASE".
3. Press **SET**.
   - Your own message will be erased.
4. Press **MENU**.
   - The pre-recorded greeting message will be played when transferring a call.

Programming

The unit provides various programming features. Program the desired setting by referring to the programming tables (p. 63–68).

General programming method



1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Select the feature you wish to program.

■ **For basic features** (p. 63)
Rotate **JOG DIAL** until the desired feature is displayed.

■ **For advanced features** (p. 64–68)
Rotate **JOG DIAL** until the following is displayed.

`ADVANCED MODE`

Press **SET** and rotate **JOG DIAL** until the desired feature is displayed.

3 Press **SET**.
- The current setting of the feature will be displayed.

4 Rotate **JOG DIAL** until the desired setting is displayed.
- This step may be slightly different depending on the feature.

5 Press **SET**.
- The setting you selected is set, and the next feature will be displayed.

6 To exit programming, press **MENU**.

Programming by entering the program code number directly

You can select a feature by directly entering the program code (# and 2-digit number) instead of using **JOG DIAL**.

1. Press **MENU**.
2. Press # and the 2-digit code number.
3. Follow steps 3 to 6 above.

- See programming tables (p. 63–68) for codes.

To cancel programming

Press **MENU** to exit the program.

Basic features

Programming table

Code	Display & Feature	Settings	How the unit operates
#01	SET DATE & TIME To set the date and time	mm/dd/yy hh:mm (2 digits for each entry)	See page 13 for details.
#02	YOUR LOGO To set your logo	(Up to 30 characters)	See pages 14 and 15 for details.
#03	YOUR FAX NO. To set your facsimile telephone number	(Up to 20 digits)	See page 16 for details.
#04	SENDING REPORT To print and check the sending report for fax transmission results	**ERROR** ON OFF	“ERROR”: The sending report will be printed only when fax transmission fails (p. 32). “ON”: The sending report will be printed after every transmission.
#06	TAD RING COUNT To change the number of rings before the unit answers a call in the TAD/FAX mode	1, **2**, 3, 4 TOLL SAVER RINGER OFF	This setting is also available after activating the TAD/FAX mode. See page 50 for details.
	FAX RING COUNT To change the number of rings before the unit answers a call in the FAX ONLY mode	1, 2, **3**, 4	This setting is also available after activating the FAX ONLY mode (p. 43).
#10	RECORDING TIME To change the recording time for an incoming message	**VOX** 1 MIN	“VOX”: Unlimited “1 MIN”: Up to 1 minute
#11	REMOTE TAD ID To operate the answering device from a remote location	ID = **111**	**1.** Follow steps 1–3 on page 62. **2.** Enter any 3–digit number except a number using 0 or 7. **3.** Press **SET**. **4.** Press **MENU**.
#13	DIALING MODE If you cannot dial, change the setting depending on your telephone line service.	**TONE** PULSE	“TONE”: For tone dial service. “PULSE”: For rotary pulse dial service.

(The default setting is in bold type.)

Advanced features

How to set menu options

1. Press **MENU** .
2. Rotate **JOG DIAL** until the following is displayed.

   Display: `ADVANCED MODE`

   Press **SET** and rotate **JOG DIAL** until the desired feature is displayed.
3. Press **SET** .
4. Rotate **JOG DIAL** until the desired setting is displayed.
5. Press **SET** .
6. Press **MENU** .

Note:

- Step 4 may be slightly different depending on the feature.
- See page 62 for more details.

Programming table

Code	Display & Feature	Settings	How the unit operates
#22	`AUTO JOURNAL` To print the journal report automatically for fax communications	**ON**	"ON": The unit will print the journal report automatically after every 30 new fax communications (p. 32).
		OFF	
#23	`OVERSEAS MODE` If you have difficulty sending an overseas fax, activate this feature before starting transmission. This feature makes sending documents easier as the transmission speed is slowed down.	NEXT FAX	"NEXT FAX": For the next attempted fax transmission. After transmission, the unit will return to the previous setting. "ERROR": When previous fax transmission fails and you redial the same number. ● This feature is not available for broadcast transmission. ● The calling charge may be higher.
		ERROR	
		OFF	
#25	`DELAYED SEND` To send a fax automatically at a specified time. This allows you to take advantage of low-cost calling hours offered by your telephone company. ● The setting can be reserved to take place up to 24 hours in advance.	ON / fax no. / hh:mm	To send a document: **1.** Insert the document. **2.** Follow steps 1–3 above. **3.** Rotate **JOG DIAL** to select "ON". **4.** Press **SET** . **5.** Enter the fax number. **6.** Press **SET** . **7.** Enter the transmission start time. Press ✳ to select "AM" or "PM". **8.** Press **SET** . **9.** Press **MENU** . ● To cancel after programming, press **STOP** then **SET** .
		OFF	

(The default setting is in bold type.)

<table>
<tr><th>Code</th><th>Display & Feature</th><th>Settings</th><th>How the unit operates</th></tr>
<tr><td rowspan="2">#26</td><td rowspan="2">AUTO CALL. LIST
To print the Caller ID list automatically</td><td>ON</td><td rowspan="2">“ON”: The unit will print the Caller ID list automatically after every 30 new calls (p. 25).</td></tr>
<tr><td>OFF</td></tr>
<tr><td>#30</td><td>SILENT FAX RING
To change the number of rings when the unit detects a voice call in the TEL/FAX mode</td><td>3, 4, 5, 6</td><td>See pages 44 and 45 for details.</td></tr>
<tr><td rowspan="2">#31</td><td rowspan="2">RING DETECTION
If you subscribe to a Distinctive Ring Service (Identa-Ring) from your telephone company, activate this feature.
This feature is also required for voice mail service.</td><td>A, B, C, D</td><td rowspan="2">Select the ring pattern to be assigned to the facsimile number.
A: Standard ring (one long ring)
B: Double ring (two short rings)
C: Triple ring (short-long-short rings)
D: Other triple ring (short-short-long rings)
● For more information about telephone services, contact your telephone company.</td></tr>
<tr><td>OFF</td></tr>
<tr><td rowspan="4">#36</td><td rowspan="4">RCV REDUCTION
If the size of the document sent by the other party is as large as, or larger than the recording paper, the unit can reduce and print the document.
Select the desired reduction rate.</td><td>100%</td><td rowspan="4"><table><tr><th>Setting</th><th>Recording paper</th><th>Original document</th></tr><tr><td>100%</td><td>Legal</td><td>Letter, A4</td></tr><tr><td rowspan="2">92%</td><td>Letter</td><td>Letter</td></tr><tr><td>Legal</td><td>Legal</td></tr><tr><td>86%</td><td>Letter</td><td>A4</td></tr><tr><td>72%</td><td>Letter</td><td>Legal</td></tr></table></td></tr>
<tr><td>92%</td></tr>
<tr><td>86%</td></tr>
<tr><td>72%</td></tr>
<tr><td rowspan="2">#39</td><td rowspan="2">LCD CONTRAST
To adjust the display contrast</td><td>NORMAL</td><td rowspan="2">“NORMAL”: For normal contrast
“DARKER”: Used when the display contrast is too light.</td></tr>
<tr><td>DARKER</td></tr>
<tr><td rowspan="2">#41</td><td rowspan="2">FAX ACTIVATION
If you use an extension telephone and wish to use it to receive a fax, activate this feature, and enter the code (p. 46).</td><td>ON /
CODE= ∗ 9</td><td rowspan="2">1. Follow steps 1–3 on page 64.
2. Rotate [JOG DIAL] to select “ON”.
3. Press [SET].
4. Enter your code from 2 to 4 digits, using 0–9 and ∗.
5. Press [SET].
6. Press [MENU].
● Do not enter “0000”.</td></tr>
<tr><td>OFF</td></tr>
<tr><td rowspan="2">#42</td><td rowspan="2">MESSAGE ALERT
To alert you with beeps when a new voice message is recorded</td><td>ON</td><td rowspan="2">If you hear slow beeps, press [PLAY MESSAGES] and listen to recorded messages (p. 54). The beeps will stop.</td></tr>
<tr><td>OFF</td></tr>
</table>

(The default setting is in bold type.)

(continued)

Advanced features (cont.)

How to set menu options

1. Press **MENU** .
2. Rotate **JOG DIAL** until the following is displayed.

   Display: `ADVANCED MODE`

   Press **SET** and rotate **JOG DIAL** until the desired feature is displayed.
3. Press **SET** .
4. Rotate **JOG DIAL** until the desired setting is displayed.
5. Press **SET** .
6. Press **MENU** .

Note:

- Step 4 may be slightly different depending on the feature.
- See page 62 for more details.

Programming table (cont.)

Code	Display & Feature	Settings	How the unit operates
#43	`REC. TIME ALERT` To alert you with beeps when there is less than 60 seconds of remaining recording time.	ON **OFF**	If you hear slow beeps, erase the recorded messages (p. 55). The beeps will stop.
#44	`RECEIVE ALERT` To alert you with beeps when a received document is stored into memory due to a problem.	**ON** OFF	If you hear slow beeps, clear the printing problem or supply paper to print the stored document. The beeps will stop.
#46	`FRIENDLY RCV` To receive a fax automatically when you answer a call and hear a fax calling tone (slow beep).	**ON** OFF	"ON": You do not have to press **FAX START** for fax reception.
#47	`FAX GUIDANCE` If you wish to hear the voice guidance (see right) at each fax transmission/reception, set this feature to "ON". ● To hear the voice guidance only when fax transmission/reception fails, select "ERROR".	**ON** OFF ERROR	Voice guidance example: "*Start transmission.*" "*Please hang up the handset for transmission.*" "*Transmission is complete.*" "*Transmission has failed.*" "*Transmission has been interrupted.*" "*Start reception.*" "*Please hang up the handset for reception.*" "*Reception is complete.*" "*Reception has failed.*" "*Reception has been interrupted.*"

(The default setting is in bold type.)

Code	Display & Feature	Settings	How the unit operates
#54	GREETING TIME To change the recording time for your own TAD/FAX greeting message (p. 52)	**16s**	"16s": Up to 16 seconds "60s": Up to 60 seconds ● If you change to 60 seconds, we recommend that you tell the caller in your own greeting message to press ✳9 before starting fax transmission. ● If you change to 16 seconds from 60 seconds, your own recorded greeting message will be deleted and will be played the pre-recorded message.
		60s	
#60	MESSAGE TRANS. To transfer a recorded incoming message to another telephone (p. 60)	ON	**1.** Follow steps 1–3 on page 66. **2.** Rotate JOG DIAL to select "ON". **3.** Press SET. **4.** Enter the transfer telephone number. **5.** Press SET. **6.** Press MENU. ● This feature can be turned on/off from a remote location (p. 59).
		OFF	
#61	TRNS-GREETING To check, record or erase a transfer greeting message	**CHECK**	See page 61 for details.
		RECORD	
		ERASE	
#67	ICM MONITOR To hear an incoming message (ICM) from the speaker when the answering device is recording the message.	**ON**	If you select "OFF", you cannot monitor the incoming message.
		OFF	
#70	PAGER CALL If you have a pager and wish to know when your unit receives a fax or an incoming message, activate this feature.	ON	See page 47 for details.
		OFF	
#75	IQ-FAX To apply to the NetMoves Global Fax Network and activate the IQ-FAX function	ON	See pages 33 and 34 for details.
		OFF	

(The default setting is in bold type.)

(continued)

Advanced features (cont.)

How to set menu options

1. Press **MENU** .
2. Rotate **JOG DIAL** until the following is displayed.

   Display: `ADVANCED MODE`

   Press **SET** and rotate **JOG DIAL** until the desired feature is displayed.
3. Press **SET** .
4. Rotate **JOG DIAL** until the desired setting is displayed.
5. Press **SET** .
6. Press **MENU** .

Note:

- Step 4 may be slightly different depending on the feature.
- See page 62 for more details.

Programming table (cont.)

Code	Display & Feature	Settings	How the unit operates
#76	`CONNECTING TONE` If you often have trouble when sending a fax, this feature allows you to hear connecting tones; fax tone, ring back tone and busy tone.	**ON**	You can confirm the status of the other party's machine. ● If the ring back tone continues, the other party's machine may not be a facsimile or may have run out of paper. Check with the other party. ● The connecting tone volume cannot be adjusted.
		OFF	
#77	`AUTO ANSWER` To change the receive mode in the AUTO ANSWER setting	**TAD/FAX**	"TAD/FAX": Telephone Answering Device/Facsimile mode (p. 50) "FAX ONLY": Facsimile only mode (p. 43) "TEL/FAX": Telephone/Facsimile mode (p. 44, 45) ● If you select "TEL/FAX", the unit will print an information list.
		FAX ONLY	
		TEL/FAX	
#78	`TEL/FAX RING` If you use an extension telephone in the TEL/FAX mode, select the desired number of rings to be generated before the unit answers.	1, **2**, 3, 4	See pages 44 and 45 for details.
#80	`SET DEFAULT` To reset the advanced features to their default settings	YES	**1.** Follow steps 1–3 above. **2.** Rotate **JOG DIAL** to select "YES". **3.** Press **SET** . **4.** Press **SET** again. **5.** Press **MENU** .
		NO	

(The pre-selected setting is in bold type.)

Reports

If your unit cannot send a fax, check the following.
– The number you dialed is correct.
– The other party's machine is a facsimile.
If the problem remains, correct it by following the communication message printed on the sending and journal reports (p. 32).

Communication message	Error code	Cause & Remedy
COMMUNICATION ERROR	40–42 46–52 58, 65 68, 72 FF	● A transmission or reception error occurred. Try again or check with the other party.
	43 44	● An overseas transmission error occurred. Try using the overseas mode (feature #23 on page 64).
DOCUMENT JAMMED	—	● The document is jammed. Remove the jammed document (p. 77).
ERROR-NOT YOUR UNIT	54 59 70	● A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party.
MEMORY FULL	—	● The document was not received due to memory being full.
NO DOCUMENT	—	● The document was not fed into the unit properly. Reinsert the document and try again.
OTHER FAX NOT RESPOND	—	● The other party's fax machine is busy or has run out of recording paper. Try again. ● The document was not fed properly. Reinsert the document and try again. ● The other party's fax machine rings too many times. Send a fax manually – dial the number, confirm the fax tone, and press **FAX START** . ● The other party's machine is not a facsimile. Check with the other party. ● The number you dialed is not in service.
PRESSED THE STOP KEY	—	● **STOP** was pressed and fax communication was canceled.
THE COVER WAS OPENED	—	● The covers were opened. Close them and try again.
OK	—	● Fax communication was successful.

Error Messages

Display

If the unit detects a problem, one or more of the following messages will appear on the display.

Display message	Cause & Remedy
CALL SERVICE CALL SERVICE2	● There is something wrong with the unit. Contact our service personnel.
COVER OPEN ↕ CHECK FILM	● The covers are open. Close them. ● The ink film is empty. Replace the ink film with a new one (p. 78, 79). ● The ink film is not installed. Install it (p. 78, 79). ● The ink film is slack. Tighten it (see step 6 on page 79).
CHECK DOCUMENT	● The document is not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers (p. 80) and try again. If the problem remains, adjust the feeder pressure (p. 77).
CHECK MEMORY	● Memory (telephone numbers, parameters, etc.) has been erased. Re-program.
CHECK PAPER	● The recording paper is not installed or the unit has run out of paper. Install paper and press **SET** to clear the message. ● The recording paper is not fed into the unit properly. Reinstall paper (p. 11) and press **SET** to clear the message. ● The recording paper has jammed near the recording paper entrance. Clear the jammed paper (p. 76) and press **SET** to clear the message. Do not install folded or heavily curled paper.
FAX IN MEMORY	● The unit has a document in memory. See the other displayed message instructions to print out the document.
FAX MEMORY FULL	● Memory is full of received documents due to a lack of recording paper or a recording paper jam etc. Install paper or clear the jammed paper. ● When performing memory transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document manually.
JOG-DIAL FULL	● There is no space to store new stations in the JOG DIAL directory. Erase unnecessary stations (p. 22).
LOADING ERROR	● A loading error occurred while receiving data from NetMoves. Contact NetMoves at 1-888-332-9728.

For fax advantage assistance, call 1-800-435-7329.

Display message	Cause & Remedy
MEMORY FULL	● When making a copy, the document being stored exceeds the memory capacity of the unit. Press **STOP** to clear the message. Divide the document and try again.
MESSAGE FULL	● There is no room left in memory to record a voice message. Erase unnecessary messages (p. 55).
MODEM ERROR	● There is something wrong with the modem circuit. Contact our service personnel.
NO FAX REPLY	● The other party's fax machine is busy or has run out of recording paper. Try again.
PAPER JAMMED	● A recording paper jam occurred. Clear the jammed paper (p. 76).
PLEASE WAIT	● The unit is checking that there is no slack on the ink film. Wait for a while.
REDIAL TIME OUT	● The other party's fax machine is busy or has run out of recording paper. Try again.
REMOVE DOCUMENT	● The document is jammed. Remove the jammed document (p. 77). ● Attempted to transmit a document longer than 600 mm (23⅝″). Press **STOP** to remove the document. Divide the document into two or more sheets and try again.
TRANSMIT ERROR	● A transmission error occurred. Try again.
UNIT OVERHEATED	● The unit is too hot. Let the unit cool down.

When a function does not work, check here before requesting help

General

Problem	Cause & Remedy
I cannot make and receive calls.	● The power cord or telephone line cord is not connected. Check the connections (p. 12). ● If you used a splitter to connect the unit, remove the splitter and connect the unit to the wall jack directly. If the unit operates properly, check the splitter.
I cannot make calls.	● The dialing mode setting is wrong. Change the setting of feature #13 (p. 63).
The unit does not work.	● Disconnect the unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.
The unit does not ring.	● The ringer volume is set to off. Adjust it to a suitable level (p. 17). ● The TAD ring count of feature #06 is set to “RINGER OFF”. Change to another ring count (p. 63).
The unit displays the following message though the paper is inserted. CHECK PAPER	● The paper is inserted halfway. Insert it correctly (p. 11) and press **SET** to clear the message.
The other party complains they only hear a fax tone and cannot talk.	● The FAX ONLY mode is set. Tell them the number is only used for faxes or change to TAD/FAX, TEL or TEL/FAX mode (p. 40, 41).
The REDIAL/PAUSE button does not function properly.	● If this button is pressed during dialing, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialed will be redialed.
The receive mode does not function as explained on pages 40 and 41.	● A Distinctive Ring pattern of feature #31 is set (p. 65). ● The TEL/FAX mode is set (p. 44, 45).
During programming, I cannot enter the code or ID number.	● All or part of the numbers are the same. Change the code or ID number of features #11 (p. 63) and #41 (p. 65).
The ink film runs out quickly.	● The HELP printing function, copy function, and reports also use ink film.
The unit beeps.	● Recording paper or ink film has run out. Press **STOP** to stop the beeps and install paper/ink film.
The speakerphone is not working.	● Use the speakerphone in a quiet room. ● If you have difficulty hearing the other party, adjust the volume using ▲ or ▼. ● If you and the other party speak at the same time, parts of your conversation will be cut off. Speak alternately.

For fax advantage assistance, call 1-800-435-7329.

Fax – sending

Problem	Cause & Remedy
I cannot send documents.	● The other party's fax machine is busy or has run out of recording paper. Try again. ● The other party's machine is not a facsimile. Check with the other party. ● The other party's fax machine rings too many times. Send a fax manually – dial the number, confirm the fax tone, then press **FAX START** .
The other party complains that letters on their received document are distorted or not clear.	● If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have these services. ● The extension telephone on the same line is off the hook. Hang up the extension telephone and try again. ● Try copying the document. If the copied image is clear, there may be something wrong with the other party's machine.
The other party complains that dirty patterns or black lines appear on their received document.	● The glass or rollers are dirty. Clean them (p. 80).
I cannot make an international fax call.	● Use the overseas transmission mode of feature #23 (p. 64). ● Add two pauses at the end of the telephone number (p. 19) or dial manually.

Fax – receiving

Problem	Cause & Remedy
I cannot receive documents automatically.	● The receive mode is set to the TEL mode. Set to the TAD/FAX, FAX ONLY or TEL/FAX mode (p. 40, 41). ● The time taken to answer the call is too long. Decrease the number of rings of features #06 (p. 63), #30 (p. 65) and #78 (p. 68). ● The greeting message is too long. Shorten the message (p. 52).
The display shows the following message but faxes are not received. `CONNECTING.....`	● The incoming call is not a fax. Change the receive mode to the TEL or TAD/FAX mode (p. 40, 41).
The recording image is faint.	● The other party sent a faint document. Ask them to send a clearer copy of the document. ● The thermal head is dirty. Clean it (p. 80).

(continued)

Fax – receiving (cont.)

Problem	Cause & Remedy
The printing quality is poor.	● Some paper has instructions recommending which side to print on. Try turning the paper over. We recommend smooth paper such as Hammermill® Jet Print for clearer printing. ● Check the document of the other party.
A blank sheet is ejected.	● If a blank sheet is ejected after the received document is printed out, the receiving reduction rate is not programmed correctly. Program the proper rate in feature #36 (p. 65). ● The other party placed the document in their fax machine the wrong way. Check with the other party.

Receive mode

Problem	Cause & Remedy
I cannot select the desired receive mode.	● If you want to set the TAD/FAX, FAX ONLY or TEL/FAX mode: — Select the desired mode using feature #77 (p. 68), and — Press **AUTO ANSWER** to turn on the arrow (▼) on the right of the display. Display: ▼ (ON) ● If you want to set the TEL mode: — Press **AUTO ANSWER** to turn off the arrow (▼) on the right of the display. (ON)
The other party complains that they cannot send a document.	● The unit is not in AUTO ANSWER mode. Press **AUTO ANSWER** to turn on the arrow (▼) on the right of the display. ▼ (ON)

Copying

Problem	Cause & Remedy
The unit does not make a copy.	● You cannot make a copy during programming. Make the copy after programming or stop the programming.
A dirty pattern or a black line appears on the copied document.	● The glass or rollers are dirty. Clean them (p. 80).

(continued)

For fax advantage assistance, call 1-800-435-7329.

Copying (cont.)

Problem	Cause & Remedy
The copied image is distorted.	● The thermal head is dirty. Clean it (p. 80).
The printing quality is poor.	● Some paper has instructions recommending which side to print on. Try turning the paper over. We recommend smooth paper such as Hammermill® Jet Print for clearer printing.
The printing is faint. Original: ABC Copy: ABC	● You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. We recommend smooth paper such as Hammermill® Jet Print for clearer printing.

Answering device

Problem	Cause & Remedy
New messages cannot be recorded in the TAD/FAX mode.	● The memory is full. Erase unnecessary messages (p. 55, 59)
I cannot retrieve recorded messages from a remote location.	● Press the remote operation ID correctly and firmly (p. 58)

If a power failure occurs

- The unit will not function.
- Fax transmission and reception will be interrupted.
- If delayed transmission of feature #25 (p. 64) is programmed and the start time has passed during a power failure, transmission will be attempted soon after power is restored.
- If fax documents are stored in memory, they will be lost. When power is restored, a power down report will be printed out stating which contents in memory have been erased.

Sample of a power down report

POWER DOWN REPORT

POWER DOWN AT:Jan. 05 2000 04:30AM
RESTARTED AT:Jan. 05 2000 04:31AM

YOUR LOGO :
YOUR FAX NO. :

<< WARNING >>
CONTENTS HAVE BEEN CLEARED DUE TO POWER DOWN.
FOR ADDITIONAL INFORMATION, PLEASE SEE THE JOURNAL REPORT.

NO.	OTHER FACSIMILE	MODE	PAGES	FUNCTION
01	<FAX # NOT AVAIL.>	RCV	01	MEMORY RECEIVE

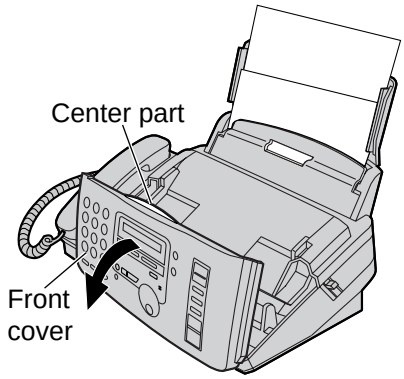
Recording paper jam

If the unit does not eject any recording paper during fax reception or copying, the recording paper has jammed and the display will show the following message.

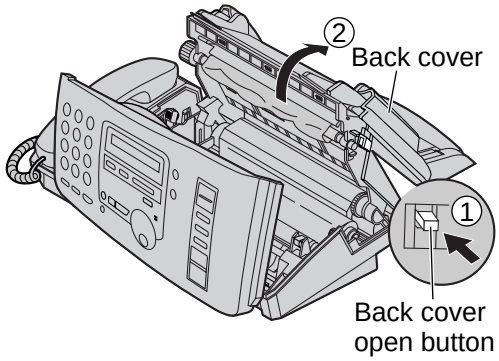
Display: PAPER JAMMED

Remove the jammed paper as follows.

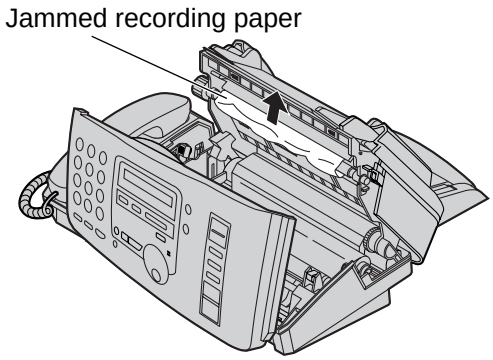
1 Open the front cover by pulling up the center part.



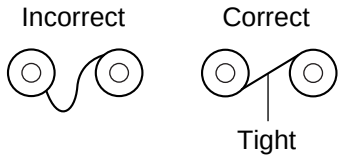
2 Push the back cover open button (①) and open the back cover (②).

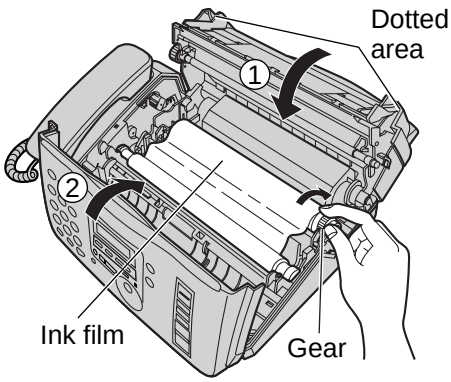


3 Remove the jammed recording paper.



4 If the ink film is slack, tighten it by winding the gear.





5 Close the back cover securely by pushing down on the dotted area at both ends (①). Close the front cover securely (②).

For fax advantage assistance, call 1-800-435-7329.

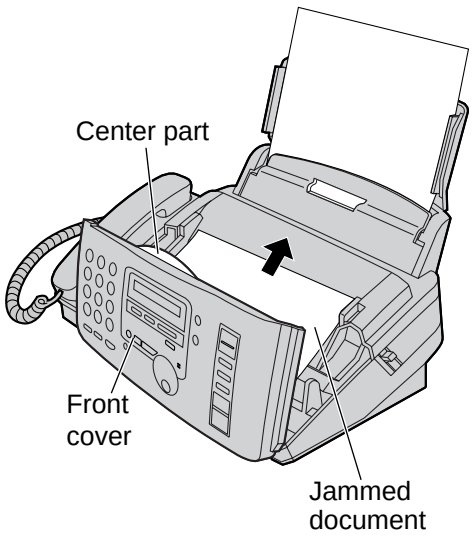
Sending document jams

If the unit does not release the document during feeding, remove the jammed document as follows.

1 Open the front cover by pulling up the center part.

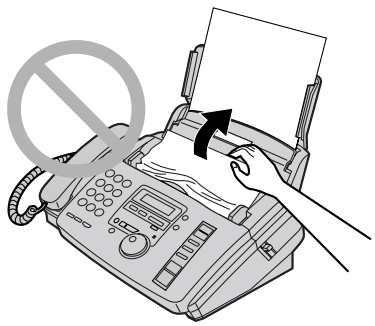
2 Remove the jammed document carefully.

3 Close the front cover securely.



Note:

- Do not pull out the jammed paper forcibly before opening the front cover.



Sending document does not feed, or multi-feeds

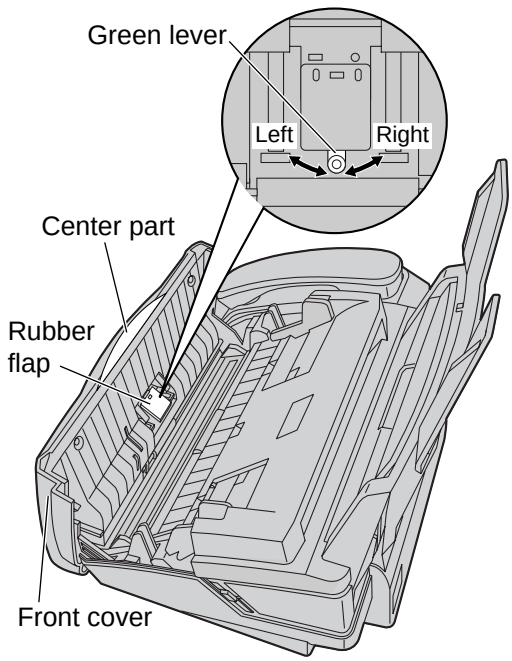
If no feeding or multiple feeding occurs frequently, adjust the feeder pressure.

1 Open the front cover by pulling up the center part.

2 Shift the position of the green lever by using an instrument with a pointed end, such as a paper clip.

Left: When documents multiple feed.
Center: Standard position (pre-selected)
Right: When documents do not feed.

3 Close the front cover securely.



Note:

- When shifting the green lever, do not touch the rubber flap.

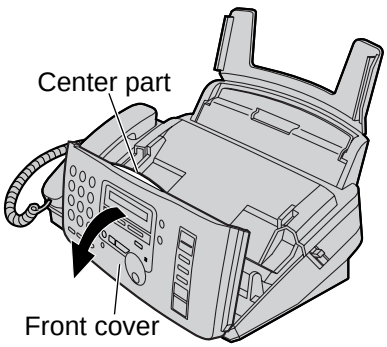
Replacing the ink film

When the unit runs out of ink film, the following message will be displayed.

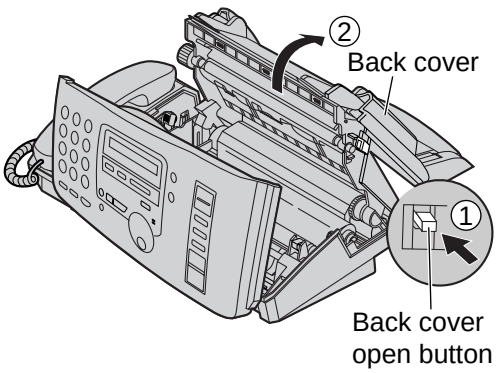
Display: `CHECK FILM`

Install a new ink film. The following ink films are available for replacement. Each roll prints about 150 letter size pages. See page 7 for accessory order information.
Model No. KX-FA53: Replacement film (1 roll)
Model No. KX-FA55: Replacement film (2 rolls)

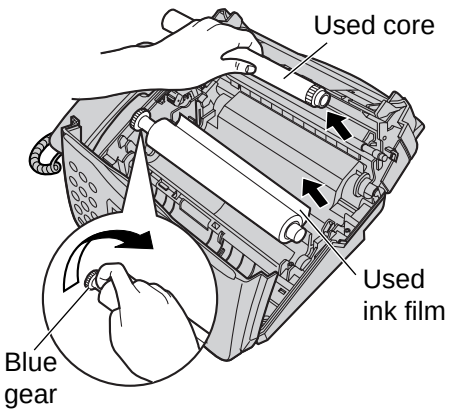
1 Open the front cover by pulling up the center part.



2 Push the back cover open button (①) and open the back cover (②).

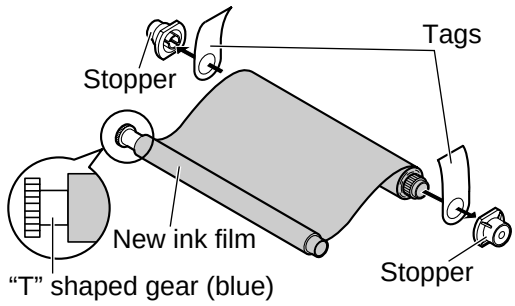


3 Pull up the blue gear side and remove the used ink film. Remove the used core.

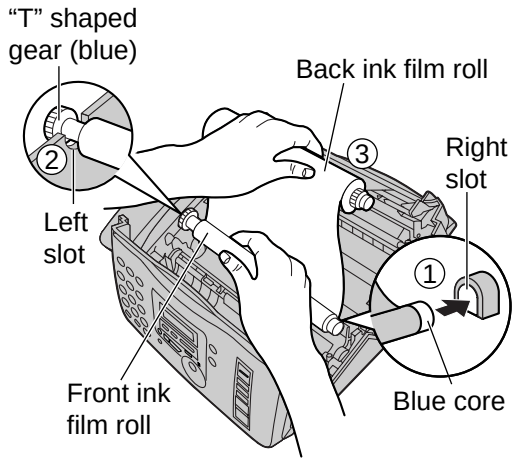


For fax advantage assistance, call 1-800-435-7329.

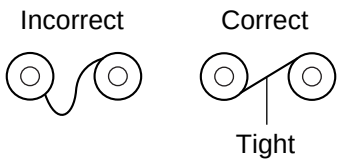
4 Remove the stoppers and tags from the new ink film. Find the “T” shaped gear (blue).

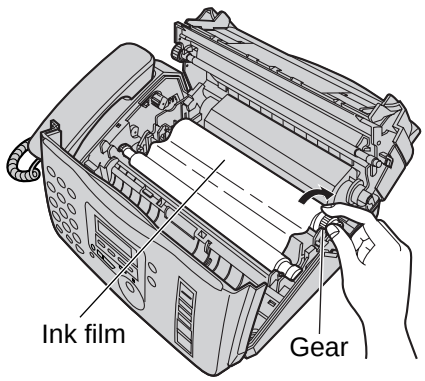


5 Insert the blue core of the front ink film roll into the right slot of the unit (①). Insert the “T” shaped gear (blue) into the left slot of the unit (②).
Insert the back ink film roll (③).



6 If the ink film is slack, tighten it by winding the gear.

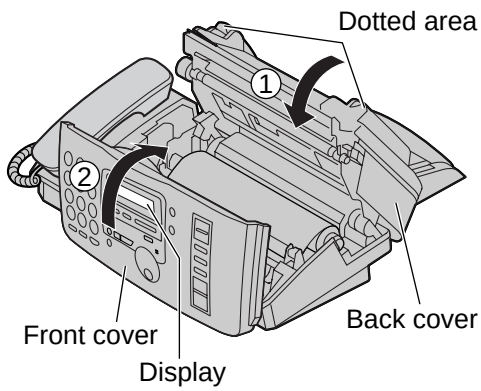




7 Close the back cover securely by pushing down on the dotted area at both ends (①). Close the front cover securely (②).

- The following message will be displayed while the unit is checking that there is no slack on the ink film.

Display: `PLEASE WAIT`



Note:

- The ink film is completely safe to touch, and will not rub off on your hands like carbon paper.

Document feeder

If misfeeding occurs frequently or if dirty patterns or black bands appear on a transmitted document or on the original of a copied document, clean the document feeder.

1 **Disconnect the power cord and the telephone line cord.**

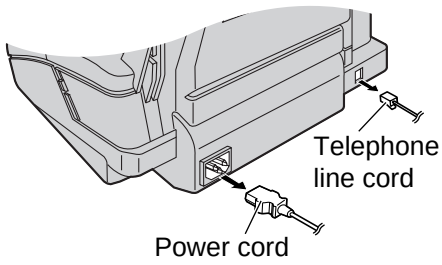
2 Open the front cover by pulling up the center part.

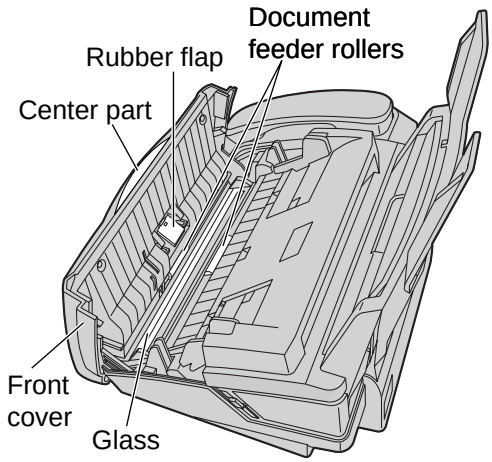
3 Clean the document feeder rollers and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly.

4 Clean the glass with a soft dry cloth.

5 Close the front cover securely.

6 Connect the power cord and the telephone line cord.





Caution:

- **Do not use paper products, such as paper towels or tissues, to clean the inside of the unit.**

Thermal head

If dirty patterns or black or white bands appear on a copied or received document, clean the thermal head.

1 **Disconnect the power cord and the telephone line cord.**

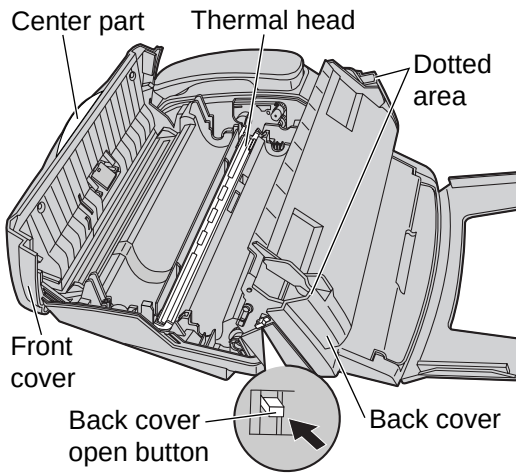
2 Open the front cover by pulling up the center part.

3 Open the back cover by pushing the back cover open button.

4 Clean the thermal head with a cloth moistened with isopropyl rubbing alcohol, and let it dry thoroughly.

5 Close the back cover securely by pushing down on the dotted area at both ends. Close the front cover securely.

6 Connect the power cord and the telephone line cord.



Caution:

- **To prevent malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head directly.**

For fax advantage assistance, call 1-800-435-7329.

Reference lists and reports

You can print out the following lists and reports for your reference.

Setup list: provides you with the current settings of the basic and advanced programming features (p. 63–68).

Telephone number list: provides you with names and telephone numbers which are stored in the JOG DIAL directory. The telephone number codes are as shown below.

P: A pause has been entered.
F: A flash has been entered.

Journal report: keeps records of fax transmission and reception. This report will be printed automatically after every 30 fax communications (p. 32).

Printer test list: allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the thermal head (p. 80).

Broadcast programming list: provides you with names and telephone numbers which are stored in the broadcast feature (p. 37).

Caller ID list: keeps records of the last 30 callers after subscribing to a Caller ID service. This report will be printed automatically after every 30 callers (p. 25).

1 Press **MENU** two times.

Display: `2.PRINT REPORT`

2 Rotate **JOG DIAL** until the desired item is displayed.

`SETUP LIST`

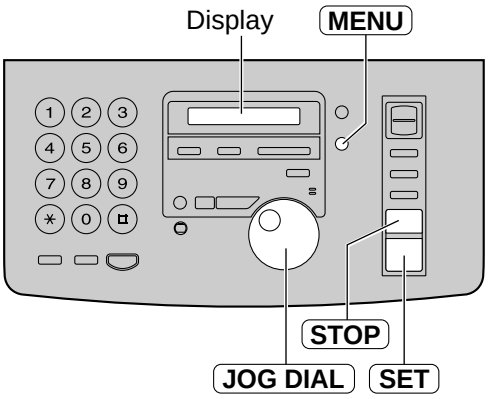
`TEL NO. LIST`

`JOURNAL REPORT`

`PRINTER TEST`

`BROADCAST LIST`

`CALLER ID LIST`



3 Press **SET** to start printing.

`PRINTING`

- To stop printing, press **STOP**.
- After printing, the printed item will be displayed.

4 Press **MENU**.

Limited Warranty

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Sales Company Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985

PANASONIC Facsimile Products Limited Warranty

Have any questions? CALL 1-800-HELP-FAX (1-800-435-7329) on:
How to operate the unit, How to get repair service, How to get supplies.
Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for one (1) year limited warranty from the date of original purchase in the event of a defect in materials or workmanship.
This Limited Warranty Excludes both Labor and Parts for: batteries, antennas, and cosmetic parts (cabinet).
Carry-in or mail-in service in the USA or Puerto Rico can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-HELP-FAX (1-800-435-7329) to locate a PASC Factory Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.
This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.
This warranty only covers failures due to defects in material or workmanship which occur during normal use and (when applicable) does not cover the ink film, the toner cartridge and drum unit or the print and ink film. The inability of this product to interface with any specific computer is not a manufacturing defect and is outside of the scope of this Limited Warranty. In no event shall the warrantor be liable by reason of such incompatibility. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink film, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.
THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.
This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

For product service

- Servicenters are listed on next page.
- Call toll-free 1-800-HELP-FAX (1-800-435-7329) for the location of an authorized servicenter.
- After the fax advantage program, please contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262). If you have difficulty reaching this number, it may be blocked by your phone company. Please contact your local phone company to correct this.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom or problem, to the outside of the carton.
- Send the unit to an authorized servicenter, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales offices. These locations do not repair consumer products.

Servicenter Directory

**For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer Service inquiries please contact:
1-800-HELP-FAX (1-800-435-7329), Monday-Friday 9am - 8pm EST.**

**Web Site: www.panasonic.com
(for customers in the USA or Puerto Rico ONLY)
You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.**

Factory Servicenters Locations

CALIFORNIA
6550 Katella Avenue
Cypress, CA 90630

800 Dubuque Avenue
S. San Francisco,
CA 94080

20201 Sherman Way
Suite 102
Canoga Park, CA 91306

3878 Ruffin Road
Suite A
San Diego, CA 92123

COLORADO
1640 South Abilene Street
Suite D
Aurora, CO 80012

FLORIDA
3700 North 29th Avenue
Suite 102
Hollywood, FL 33020

GEORGIA
8655 Roswell Road
Suite 100
Atlanta, GA 30350

ILLINOIS
9060 Golf Road
Niles, IL 60714

1703 North Randall Road
Elgin, IL 60123
(Pick-up / Drop-off only)

MARYLAND
62 Mountain Road
Glen Burnie, MD 21061

MASSACHUSETTS
60 Glacier Drive
Suite G
Westwood, MA 02090

MICHIGAN
37048 Van Dyke Avenue
Sterling Heights, MI 48312

MINNESOTA
7850-12th Avenue South
Airport Business Center
Bloomington, MN 55425

OHIO
2236 Waycross Road
Civic Center Plaza
Forest Park, OH 45240

PENNSYLVANIA
2221 Cabot Blvd. West
Suite B
Langhorne, PA 19047

TENNESSEE
3800 Ezell Road
Suite 806
Nashville, TN 37211

TEXAS
13615 Welch Road
Suite #101
Farmers Branch,
TX 75244

WASHINGTON
20425-84th Avenue South
Kent, WA 98032

HAWAII
99-859 Iwaiwa Street
Aiea, Hawaii 96701
Phone (808) 488-1996
Fax (808) 486-4369

Service in Puerto Rico
Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/ Factory Servicenter:
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985
Phone (787) 750-4300 Fax (787) 768-2910

As of Jan. 2000

List of FCC requirements and information

If required by the telephone company, inform them of the following.

- FCC Registration No.:
  (found on the rear of the unit)
- Ringer Equivalence No.:
  (found on the rear of the unit)
- The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Ringer Equivalence Number (REN):
This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

a) Promptly notify the customer.
b) Give the customer an opportunity to correct the problem with their equipment.
c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours; such as early morning or late evenings.

This telephone provides magnetic coupling to hearing aids.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

Technical data about this product

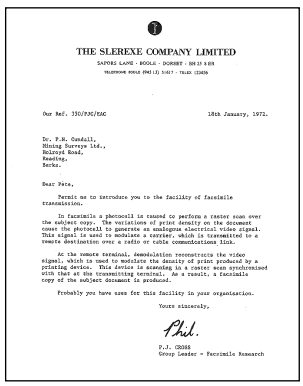
Applicable Lines:	Public Switched Telephone Network
Document Size:	Max. 216 mm (8½″) in width Max. 600 mm (23⅝″) in length
Effective Scanning Width:	208 mm (8³⁄₁₆″)
Recording Paper Size:	Letter: 216 mm x 279 mm (8½″ x 11″) Legal: 216 mm x 356 mm (8½″ x 14″)
Effective Printing Width:	208 mm (8³⁄₁₆″)
Transmission Time*:	Approx. 15 s/page (Original mode)**
Scanning Density:	Horizontal: 8 pels/mm (203 pels/inch) Vertical: 3.85 lines/mm (98 lines/inch) –“STANDARD” mode 7.7 lines/mm (196 lines/inch) –“FINE”/“HALF TONE” mode 15.4 lines/mm (392 lines/inch) –“SUPER FINE” mode
Halftone Level:	64-level
Scanner Type:	Contact Image Sensor (CIS)
Printer Type:	Thermal Transfer on plain paper
Data Compression System:	Modified Huffman (MH), Modified READ (MR)
Modem Speed:	9,600 / 7,200 / 4,800 / 2,400 bps; Automatic Fallback
Operating Environment:	5 °C – 35 °C (41 °F – 95 °F), 20 % – 80 % RH (Relative Humidity)
Dimensions (H x W x D):	185 mm x 345 mm x 276 mm (7⁹⁄₃₂″ x 13¹⁹⁄₃₂″ x 10⅞″)
Mass (Weight):	Approx. 3.2 kg (8.5 lb.)
Power Consumption:	Standby: Approx. 4 W Transmission: Approx. 16 W Reception: Approx. 42 W (When receiving a 20% black document) Copy: Approx. 42 W (When copying a 20% black document) Maximum: Approx. 135 W (When copying a 100% black document)
Power Supply:	120 V AC, 60 Hz
Memory Capacity:	Voice memory***: Approx. 18 minutes of recording time including greeting messages Fax memory: Approx. 28 pages of memory reception Approx. 25 pages of memory transmission (Based on the ITU-T No. 1 Test Chart in standard resolution.)

* Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of the other party’s machine.

** The 15 second speed is based upon the ITU-T No. 1 Test Chart and original mode. If the capability of the other party’s machine is inferior to your unit, the transmission time may be longer.

*** Recording time may be reduced by the calling party’s background noise.

ITU-T No. 1 Test Chart



THE SLEREXE COMPANY LIMITED

DAYDEN LAWN - BOOLE - DORSET - BH15 4DR

Our Ref. 350/PJC/ESC 18th January, 1972.

Dr. P.M. Cundall,
Mining Surveys Ltd.,
Holroyd Road,
Reading,
Berks.

Dear Pete,

Permit me to introduce you to the facility of facsimile transmission.

In facsimile a photocell is caused to perform a raster scan over the subject copy. The variations of print density on the document cause the photocell to generate an analogous electrical video signal. This signal is used to modulate a carrier, which is transmitted to a remote destination over a radio or cable communications link.

At the remote terminal, demodulation reconstructs the video signal, which is used to modulate the density of print produced by a printing device. This device is scanning in a raster scan synchronised with that at the transmitting terminal. As a result, a facsimile copy of the subject document is produced.

Probably you have uses for this facility in your organisation.

Yours sincerely,

Phil.

P.J. CROSS
Group Leader - Facsimile Research

Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

Energy Star

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.
ENERGY STAR is a U.S. registered mark.

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Panasonic
KX-FP85
KX-FP86
Proof of Purchase

Panasonic FAX ADVANTAGE PROGRAM

Free peace of mind, direct from Panasonic

NO EXTRA COST

Panasonic
FAX ADVANTAGE PROGRAM

- ***1-year limited warranty[1] parts & labor***
- ***Toll-free help line***
- ***Free overnight replacement[3] and repair program***

The Panasonic Fax Advantage Consumer Service Program.

Panasonic knows that if your fax machine is not up and running, neither is your business. That's why we created the Panasonic Fax Advantage Program. Included at no extra cost with the purchase of a Panasonic Fax Machine, the Fax Advantage Program can provide a free replacement unit[3] overnight if your original unit is in need of repair.

Here's how it works:

1. If you have a problem with your fax while it is covered by the one-year limited warranty[1], call our toll-free help-line at 1-800-HELP-FAX[2].
2. Talk to one of our technical experts to diagnose your problem over the phone.
3. If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty[4], we will send a refurbished replacement unit to you overnight or second business day delivery, depending on the time of your call.

A second option available under our one-year limited warranty is to mail-in or carry-in your fax to one of our Regional Service centers, where the unit will be repaired and returned to you.

Instructions

If you choose to receive a replacement unit under the Fax Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality-tested by Panasonic technicians and individually hand-inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box. UPS will pick up the unit at no charge to you, should it be determined that you are entitled to warranty service. A proof-of-purchase must be included with the returned product. Any unit that is replaced by Panasonic and not shipped with proper proof-of-purchase by you will be subject to a minimum $100.00 charge. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or inadequate packing will be charged to you as an out-of-warranty cost. If our 1-800-HELP-FAX technicians determine that your unit may be an "out-of-box failure"[5], we will attempt to provide you with a factory-new replacement unit[6]. You must ship a copy of your receipt with your original unit to verify that you purchased the unit within 10 days prior to your 1-800-HELP-FAX call.

Requirements

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima). Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your original unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out-of-warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the overnight delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product.

1. See dealer for limited warranty details.
2. After the fax advantage program, contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262), for fee based technical support.
3. Replacement unit is refurbished.
4. Replacement program excludes Puerto Rico and is subject to termination at any time without advance notice.
5. "Out-of-box failure" is an inoperable unit that was purchased no more than 10 days prior to your 1-800-HELP-FAX call, and would otherwise qualify for warranty service under the terms and conditions of the limited warranty.
6. Panasonic reserves the right to send a refurbished unit.

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985

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